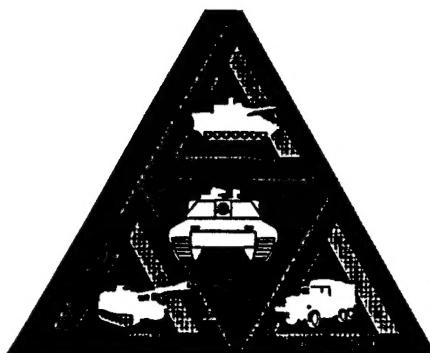


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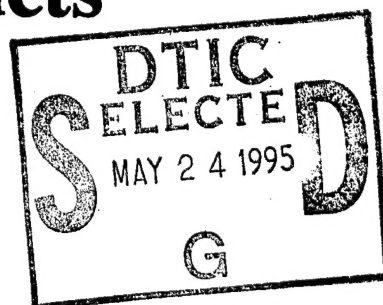


## Technical Report

No. 13642

### Shelf Life Extension for POL Products

April 1995



By In-Sik Rhee

Sgt Rutkowski

USA Tank Automotive Command  
Mobility Technology Center Belvoir

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U.S. Army Tank-Automotive Command  
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## Section I Introduction

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### BACKGROUND/OBJECTIVE

The U.S. Army is presently using numerous different types of petroleum, oil, and lubricant (POL) products covered by military and federal specifications, as the standard operational/preservative lubricants for all petroleum and water handling distribution equipment (PWHE). During Operation Desert Shield/Storm (ODS/S), a variety of lubricant related problems were surfaced in PWHE. Some of these problems were found in preservation and refurbishment of PWHE for prepositioning, and in the logistics and supply of these required POL products. To resolve these problems, a program was initiated by the Program Manager for Petroleum and Water Logistics (PM PWL). As a part of this program, the Fuels and Lubricants (F&L) Division of Army Mobility Technology Center — Belvoir provided fuel and lubricant related engineering support to determine the shelf life of POL products and their storage stability in PWHE located at Sierra Army Depot (SIAD), and to improve preservation procedures used for PWHE.

Most military POL products are formulated for use in extreme field environments and multipurpose applications. To meet these requirements, the specifications usually require a wide operational temperature range, excellent water and storage stability, good shear and oxidation stability, good antiwear and load carrying capacity, and rust and corrosion protection. These physical and chemical properties do change during storage and use. Most of these changes are inter-related and can eventually lead to lubrication failure. One of the most important properties is the storage stability of POL products. This property is often used to determine the shelf life of POL products. In the military lubrication system, the shelf life of packaged products is defined as the total period of time beginning with the date of manufacture or retest that a product may remain in the combined wholesale and retail storage system and still remain suitable for use by the end user.<sup>1</sup> The manufacturer's recommended shelf life for a majority of POL products are frequently listed as two years which is considered as the minimum shelf life of product and their extensions are currently granted by military re-certification process (*i.e.*, retesting the product). This process is somewhat inconvenient and time consuming. For instance, re-certification for POL products during Operation Desert Shield/Storm, was not properly performed due to the limited testing facilities in Southwest Asia. In a similar situation, the retesting frequency for a majority of packaged POL products is currently listed as only two years. This period is too short for storage aboard prepositioned ships, which have a thirty (30) month turn around cycle. For these reasons, longer shelf life products are currently needed for readiness of military equipment.

Extending the shelf life cycle of POL products is clearly conservation effective for PWHE as well as other vehicles/equipment. The limiting shelf life of many types of POL products is determined by either unacceptable contamination or additive depletion

in storage. Recently, many military POL products were reformulated to improve their field performances. These types of POL products tend to provide a longer shelf life than those with old formulations. To determine the possibility for extending shelf life of the POL products used in PWHE and their maximum shelf life, a preliminary study was conducted in cooperation with Army Petroleum Center (APC) and Air Force San Antonio Air Logistics Center (SAALC) who routinely conduct shelf life testing on various stored POL.

The objective of this study was to review the shelf life requirements for packaged POL products used in PWHE and to recommend extending their shelf life retesting frequency where appropriate.

## APPROACH

The shelf life of packaged POL products is one of the most important characteristics of military lubricants and associated products. To determine this property, numerous test methods have been developed for laboratory evaluations. Due to the accelerated nature of laboratory storage stability tests when coupled to the complexity of chemical degradations, the test results produced from these accelerated tests do not generally correlate to the field storage performance. Because of these, the shelf life of POL products is usually determined using quality surveillance tests taken during normal storage periods. To determine the minimum frequency for testing the shelf life of POL products by broad category, the military uses Type B-2 tests prescribed in the MIL-HDBK-200, *Quality Surveillance Handbook for Fuels, Lubricants, and Related Products*.<sup>2</sup> These surveillance tests are those most likely to reveal contamination/deterioration which may have occurred during product handling or storage. Tables 1-3 are a series of charts providing a detailed breakdown of the type of quality surveillance tests required for each POL product used in the military system. Most of these POL products are currently listed in Lubrication Orders (LOs) and Technical Manuals (TMs) for PWHE. These are shown in Appendix A.

The approach used in this study was to analyze the POL quality surveillance test data using the Maximum Likelihood method for Weibull distribution which was developed to analyze the censored data including suspension data. As the state-of-the art technology in development and designing of bearing materials and components has involved the application of a predictive  $L_{10}$  life value (the 90 percent reliable life), the adaptation of this technology to the POL products in storage system was considered as one approach towards predicting their minimum shelf life. In a similar approach, the  $L_{50}$  life (the 50 percent reliable life) is often used for economical calculation of the performance of a large number of bearings in applications where they may be easily replaced.<sup>3</sup> Therefore, for a practical purpose, the  $L_{50}$  life could be denoted as the maximum shelf life of POL products. The shelf life, once projected, can be used to obtain the proper shelf life testing intervals for POL products.

**Table 1. Shelf Life Tests for Lubricating Oils**

Specification test requirement	MIL-L-									VV-L-
	2104	2105	3150	6081	7808	21260	23699	46167	63460	800
Appearance	X		X	X	X				X	X
Color				X						X
Viscosity, 100 °C	X	X	X		X	X	X	X		
Viscosity, 40 °C				X	X					X
Viscosity, -40 °C				X			X	X		X
Viscosity, -54 °C				X	X		X		X	X
Specific Gravity										
Flash Point	X	X		X	X	X	X	X	X	X
Pour Point	X		X			X	X	X	X	X
Acid Number				X	X		X			
Copper Corrosion		X	X	X						X
Corrosion and Oxidation Stability				X	X		X			
Evaporation Loss			X				X			X
Precipitation Number										X
Foam Test	X	X			X	X	X	X		
Particulate Contamination				X	X		X			
Trace Metals					X		X			
Load Carrying Capacity					X		X		X	

MIL-L-2104: Lubricating oil, Internal Combustion Engine, Tactical Service

MIL-L-2105: Lubricating oil, Gear, Multipurpose

MIL-L-3150: Lubricating oil, Preservative

MIL-L-6081: Lubricating oil, Jet Engine

MIL-L-7808: Lubricating oil, Aircraft Turbine Engine, Synthetic Base

MIL-L-21260: Lubricating oil, Internal Combustion Engine, Preservative and Break-In

MIL-L-23699: Lubricating oil, Aircraft Turbine Engine, Synthetic Base

MIL-L-46167: Lubricating oil, Internal Combustion Engine, Arctic

MIL-L-63460: Lubricant, Cleaner and Preservative for Weapons and Weapons Systems (Metric)

VV-L-800: Lubricating oil, General Purpose, Preservative

**Table 2. Shelf Life Tests for Hydraulic and Brake Fluids**

Specification test requirement	MIL-H-6083	MIL-H-46001	MIL-H-46170	MIL-H-83282	MIL-B-46176
Appearance	X	X	X		
Color	X	X	X	X	
Viscosity, 100 °C			X	X	X
Viscosity, 40 °C	X	X	X	X	
Viscosity, -40 °C	X		X	X	
Viscosity, -54 °C	X		X		X
Specific Gravity		X			
Flash Point	X	X	X	X	
Pour Point	X	X	X	X	X
Acid Number	X	X	X	X	
Copper Corrosion	X				
Evaporation Loss	X			X	
Foam Test	X	X	X	X	
Particulate Contamination	X		X	X	
Rust Prevention		X	X		
Water Content	X		X	X	
Wear Test	X		X	X	

**MIL-H-6083:** Hydraulic Fluid, Petroleum Base for Preservation and Operation

**MIL-H-46001:** Hydraulic Fluid, Petroleum Base, for Machine Tools

**MIL-H-46170:** Hydraulic Fluid, Rust Inhibited, Fire Resistant, Synthetic Hydrocarbon Base

**MIL-H-83282:** Hydraulic Fluid, Fire Resistant Synthetic Hydrocarbon Base, Aircraft

**MIL-B-46176:** Brake Fluid, Silicone, Automotive, Operational and Preservative

**Table 3. Shelf Life Tests for Lubricating Greases**

Specification test requirement	MIL-G-						VV-G-	
	4343	10924F	21164	23827	25013	81322	632	671
Appearance	X	X		X	X	X		X
Odor	X	X	X	X		X		
Penetration (Unworked)			X	X				
Penetration (Worked)	X	X	X	X	X	X	X	X
Work Stability		X	X	X		X		
Dropping Point	X	X	X	X	X	X	X	X
Oil Separation	X	X	X	X	X			
Evaporation Loss	X	X	X	X	X	X	X	
Copper Corrosion	X	X	X	X	X	X	X	X
Rust Protection	X	X	X	X	X	X		
Water Resistance			X	X	X	X		
Free Acidity							X	X
Molybdenum Disulfide Content			X					
Water Content	X							X
Dirt (Particulate)				X	X	X		
Load Carrying Capacity	X	X	X	X		X		X

MIL-G-4343: Grease, Pneumatic System

MIL-G-10924: Grease, Automotive and Artillery

MIL-G-21164: Grease, Molybdenum Disulfide for Low and High Temperatures

MIL-G-23827: Grease, Aircraft and Instrument, Gear and Actuator Screw

MIL-G-25013: Grease, Aircraft, Ball and Roller Bearing

MIL-G-81322: Grease, Aircraft, General Purpose, Wide Temperature Range

VV-G-632: Grease, Industrial, General Purpose

VV-G-671: Grease, Graphite

To evaluate the shelf life of POL products used in PWHE, the quality surveillance test data obtained from 1985 to 1993 were collected from Army Petroleum Center (APC) and Air Force San Antonio Air Logistics Center (AFMC) who conducted the Type B-2 tests. These data sets consisted of pass and failure data which represent "go" or "no go" types of data, and do not directly represent the physical and chemical properties of POL products. The quality surveillance test data are listed in Appendices B-C. For the statistic evaluation, these two sets of data were combined and are summarized in Table 4.

To draw a baseline, four POL products were selected as reference materials which have known shelf life. One was MIL-G-10924, *Grease, Automotive and Artillery* and the others were the lubricants having the current retesting frequency of three years. If the predicted minimum shelf life ( $L_{10}$  life) of POL products exceeds more than three years, the shelf life retesting frequency of these products can be extended to three years.

## STATISTIC METHODOLOGY

The statistic methodology used in this study was two-parameter Weibull distribution. This probability distribution was initially developed by Waloddi Weibull, Professor of Applied Physics at Royal Institute of Technology in Stockholm, Sweden. The primary motivation in developing this distribution was the study of the strength and fatigue life of materials. After the Weibull distribution had been accepted for studies on the fatigue of materials, it was widely applied in the field of reliability, fatigue testing, and quality control.<sup>4</sup> In an earlier study, the  $L_{10}$  wear life of lubricating greases were computed using the two-parameter Weibull probability distributions.<sup>5</sup> The distribution equation is described as follows:<sup>6</sup>

$$F(X) = 1 - e^{-(X/\theta)^\beta} \quad X \geq 0$$

where  $F(X)$  represents the probability of grease wear life. The function  $F(X)$  is called the cumulative distribution for a random variable  $X$ , such as grease wear life. The term  $\beta$  and  $\theta$  refer to shape and scale parameters respectively. Unfortunately, these parameters usually are not known. The best method for the estimation of these parameters is the Maximum Likelihood (ML) method, which gives a solution using simultaneous equations.<sup>7</sup> Generally, these unknown parameters are determined from the ML method of the extreme value distribution. Their relationship is expressed by the following mathematical form:  $X = \text{Exp}(Y)$ ,  $\theta = \text{Exp}(\lambda)$ , and  $\beta = 1/\delta$ , where  $X$ ,  $Y$  are random variables for Weibull and extreme value distribution.  $\lambda, \delta$  are the parameters of extreme value distribution. This extreme value distribution often applies to corrosion studies, the prediction of life, and the measurement of metal strength. The ML equation and the two partial differential equations of extreme value distribution are described in the following form:

**Table 4. Laboratory Shelf Life Data for POL Products**

Specification	Total Batch	2 Yr	4 Yr	6 Yr	8 Yr	10 Yr	11 Yr	12 Yr	13 Yr	14 Yr	15 Yr	16 Yr	17 Yr	18 Yr
MIL-B-46176	92	24/ 1	33/ 3	14/ 2	3/ 0	7/ 0	9/ 2							
MIL-G-4343	40	24/ 8	10/ 0	4/ 0	2/ 0									
MIL-G-10924	479	347/ 148	89/ 49	23/ 6	3/ 3	4/ 2				2/ 1			1/ 1	
MIL-G-21164	55	30/ 3	17/ 2	5/ 1	2/ 0	1/ 0								
MIL-G-23827	81	40/ 11	23/ 7	9/ 1	6/ 1	2/ 0	1/ 1							
MIL-G-25013	40	13/ 2	20/ 5	2/ 0	2/ 0	3/ 1								
MIL-G-81322	222	141/ 21	50/ 1	21/ 3	7/ 1	4/ 2		1/ 1						
VV-G-632	9	5/ 0	1/ 1	1/ 0		1/ 1			1/ 1					
VV-G-671	10	3/ 0	3/ 1	2/ 0	1/ 0	1/ 0								
MIL-H-6083	58	32/ 8	16/ 5	2/ 0	4/ 1	3/ 1	1/ 1	1/ 1	1/ 1					
MIL-H-46001	13	1/ 0	5/ 3	5/ 1	2/ 0									
MIL-H-46170	55	34/ 3	6/ 2	7/ 1	7/ 1	1/ 0								
MIL-H-83282	163	83/ 12	45/ 18	34/ 9	15/ 11	3/ 1	2/ 2	2/ 0			1/ 1			1/ 1
MIL-L-2104	721	568/ 20	62/ 14	44/ 7	24/ 4	3/ 0	1/ 0		9/ 0		3/ 1			1/ 0
MIL-L-2105	145	111/ 32	14/ 4	5/ 1	7/ 1	3/ 0	1/ 0	3/ 2		1/ 0				

(continued)

**Table 4. Laboratory Shelf Life Data for POL Products (continued)**

Specification	Total Batch	2 Yr	4 Yr	6 Yr	8 Yr	10 Yr	11 Yr	12 Yr	13 Yr	14 Yr	15 Yr	16 Yr	17 Yr	18 Yr
MIL-L-3150	20	6/ 1	10/ 6	1/ 0						2/ 0		1/ 0		
MIL-L-6081	50	2/ 0	33/ 3	1/ 0	3/ 0	1/ 0	1/ 0	5/ 0	2/ 0	2/ 0				
MIL-L-7808	146	13/ 1	31/ 7	35/ 8	23/ 6	8/ 3	6/ 5	16/ 4	6/ 1	4/ 0	2/ 1	2/ 0		
MIL-L-21260	55	45/ 1	3/ 0		1/ 0	2/ 0		2/ 0	2/ 0					
MIL-L-23699	145	26/ 6	34/ 3	31/ 6	18/ 3	19/ 3	6/ 5	7/ 2	7/ 3	1/ 0				1/ 1
MIL-L-46167	25	8/ 4	4/ 4	11/ 4		1/ 1		1/ 1						
MIL-L-63460	54	14/ 3	27/ 7	5/ 1	8/ 0									
VV-L-800	55	25/ 8	11/ 4	12/ 1	1/ 1	2/ 0	1/ 1				1/ 1	1/ 1		

**Remarks:**

Under each year column, there is number/number.

The first number represents total number of batches/lots tested for that period.

The second one represents the number of failed samples.



Extreme value log likelihood equation:

$$L = \sum' [-\ln(\delta) - \exp[(y - \lambda)/\delta] + [(y - \lambda)/\delta] - \sum'' \exp[(y - \lambda)/\delta] \quad (1)$$

Constraining partial differential equations:

$$\partial L / \partial \lambda = (1/\delta) [\sum \exp[(y - \lambda)/\delta] - r] = 0 \quad (2)$$

$$\partial L / \partial \delta = (1/\delta) [\sum [(y - \lambda)/\delta] \exp [(y - \lambda)/\delta] - r] = 0 \quad (3)$$

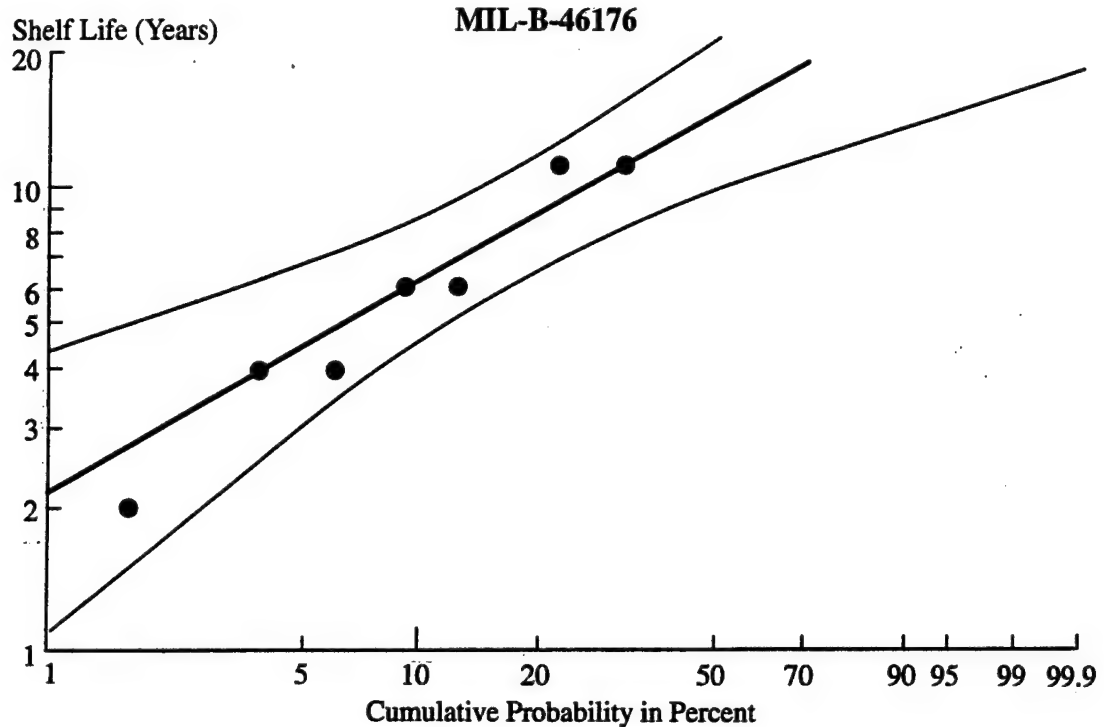
$$i = 1, 2, 3, \dots$$

where  $\sum$  = sum of failure and suspension data  
 $\sum'$  = sum of failure data  
 $\sum''$  = sum of suspension data  
 $r$  = the number of failure in a sample

From the above equations, the ML estimators  $(\lambda, \delta)$  must be satisfied in the two constraining equations (2) and (3). Concurrently, these ML estimators  $(\lambda, \delta)$  establish the extreme value log likelihood equation (1) and can be used to calculate a numerical maximum value. Finally, these values  $(\lambda, \delta)$  are converted to the Weibull parameters  $(\theta, \beta)$  using their relationship. One problem area is that the above constraining equations (2) and (3) are not linear. Therefore, these equations must be iteratively solved by the computer. The best iterative method is the well-known Newton-Raphson method which gives quicker convergence. In practice, the Newton-Raphson method can be effective in providing the ML estimators  $(\lambda, \delta)$  when the initial estimates  $(\lambda_i, \delta_i)$  are sufficiently close to the optimum values  $(\lambda, \delta)$ . However, for poor initial estimates  $(\lambda_i, \delta_i)$ , the procedure often fails to result in convergence.

The major advantages of the ML method are good estimates of the Weibull parameters, reduced computational time, and good repeatability. This method also provides the covariance matrices and the approximate confidence limits for distribution percentiles. On the other hand, this method requires a special program for the computations.

In our previous DoD long life grease program, the ML computer program for the two-parameter Weibull probability distribution had been developed which can be used for a variety of systems (*i.e.*, failure criteria or probability of failure with input provided by laboratory tests, system tests, and field data).<sup>8</sup> This methodology has been used to predict the  $L_{10}$  life which can be denoted as the minimum life of greases, hydraulic fluids, lubricants, engine oils and other associated products. The typical computer outputs are shown in Figure 1 and Table 5. Figure 1 shows the probability shelf life diagram obtained for a single POL product evaluated (*i.e.*, silicone brake fluid). This diagram presents the cumulative probability in percent and shelf life, respectively.



**Figure 1. Shelf Life of Silicone Brake Fluid, MIL-B-46176**

## RESULTS/DISCUSSIONS

A summary of the minimum/maximum shelf life predictions for POL products used in PWHE is presented in Table 6. The retesting intervals for POL products specified in the MIL-HDBK-200 are also added in Table 6 to compare with the results obtained from the shelf life predictions. Table 6 showed that all POL products except for two lubricants exceeded their recommended manufacture shelf life (*i.e.*, first retesting period). Eleven products among them projected more than three years of minimum shelf life ( $L_{10}$  life). The maximum shelf life ( $L_{50}$  life) of POL products evaluated varied between 3.6 and 14.5 years. These projected shelf life extensions will, if implemented, reduce the proliferation of aged products that can no longer be useful for military systems.

Concerning the correlation between projected shelf life and storage performance, MIL-G-10924 grease and three lubricants having current retesting frequency of three years were also evaluated to use as the reference samples. The MIL-G-10924 grease is formulated using polyalphaolefin (PAO) base oils, lithium-complex thickeners and several additives. In 1991, it was found that MIL-G-10924 greases manufactured in the period from February 1990 to November 1990 developed a crystal-like contaminant. The crystals appearing in these batches usually showed up after eight to twelve months from the manufacture fill date. In the follow-up investigation, it was found that the most probable cause of the crystals appearing in the grease was the antioxidant used was not sufficiently soluble in the base oil. Fortunately, the crystal growth in these greases

**Table 5. Shelf Life of Silicone Brake Fluid, MIL-B-46176**

**ESTIMATES FOR THE LUBRICANT SHELF LIFE  
USING THE CUMULATIVE WEIBULL DISTRIBUTION**

$$F(X) = 1 - \text{EXP}(-(X/A)^B)$$

**ESTIMATE AND TWO-SIDED 90% CONFIDENCE INTERVALS  
FOR DISTRIBUTION PARAMETERS**

Shape Parameter = 2.2432  
Lower Limit = 1.3970  
Upper Limit = 3.6022

Scale Parameter = 17.0928  
Lower Limit = 11  
Upper Limit = 26.3386

**ESTIMATED COVARIANCE MATRIX OF PARAMETER ESTIMATES**

	<u>Scale</u>	<u>Shape</u>
Scale	20.1847	-2.2270
Shape	-2.2270	0.4172

**ESTIMATE AND TWO-SIDED 90% CONFIDENCE INTERVALS  
FOR DISTRIBUTION PERCENTILES**

<u>Percentage</u>	<u>Estimate</u>	<u>Lower Limit</u>	<u>Upper Limit</u>
1.0	2.2	1.1	4.4
5.0	4.5	3.0	6.8
10.0	6.3	4.6	8.6
20.0	8.8	6.6	11.6
50.0	14.5	10.0	21.1
70.0	18.6	11.7	29.5
90.0	24.8	13.9	44.2
95.0	27.9	14.9	52.2
99.0	33.8	16.6	68.7
99.9	40.5	18.4	89.1

**LUBRICANT SHELF LIFE (YEARS)**

	<u>Estimate</u>	<u>Lower Limit</u>	<u>Upper Limit</u>
Minimum ( $L_{10}$ )	6.3	4.6	8.6
Maximum ( $L_{50}$ )	14.5	10.0	21.1

**Table 6. Lubricant Shelf Life Prediction (Yrs)**

Specification	Current Retest Intervals	Minimum Shelf Life (L <sub>10</sub> )	Maximum Shelf Life (L <sub>50</sub> )
MIL-B-46176	2	6.3	14.5
MIL-G-4343	2	2.1	8.1
MIL-G-10924	2	1.8	3.6
MIL-G-21164	2	3.8	9.5
MIL-G-23827	2	2.5	7.4
MIL-G-25013	2	3.4	8.6
MIL-G-81322	2	3.2	9.0
VV-G-632	2	4.3	7.8
VV-G-671	2	4.8	10.1
MIL-H-6083	2	2.5	7.1
MIL-H-46001	2	3.9	7.6
MIL-H-46170	2	3.9	10.3
MIL-H-83282	2	3.3	7.1
MIL-L-2104	2	4.5	11.7
MIL-L-2105	2	1.8	6.6
MIL-L-3150	2	2.9	4.5
MIL-L-6081	3	5.2	9.3
MIL-L-7808	3	6.2	12.9
MIL-L-21260	2	5.3	12.9
MIL-L-23699	3	5.8	12.6
MIL-L-46167	2	2.5	6.1
MIL-L-63460	3	3.4	8.5
VV-L-800	2	2.5	7.8

did not affect their original performance. However, any crystals appearing in the grease are not acceptable because their appearance violates the workmanship paragraph in the MIL-G-10924 specification. This requires the grease to be homogeneous and smooth in texture. In the other case, this grease also showed copper corrosion problems. This problem was first noticed during shelf life testing conducted two years after production. Due to the formulation deficiency, many other failures occurred during the last three years and eventually, its shelf life was reduced. It appears that the projected minimum shelf life ( $L_{10}$  life) of this grease agreed with actual storage life. Evidently, the lubricants (MIL-L-6081, MIL-L-7808, MIL-L-23699, MIL-L-63460) having current retesting frequency of three years clearly demonstrated more than three years of projection ( $L_{10}$  life).

Most lubricating grease manufacturers recommend that their products be retested within two years after manufacture. This simply means that structural changes may occur in storage during longer periods which markedly alter grease chemical/physical properties. However, military greases must have long stable shelf life since they are often in the supply system longer than two years. There are a number of changes that may occur in lubricating grease during storage. The degradation mode of military greases is primarily by the natural phase separation of the various components of the mixture. Oxidation stability also can contribute to the shelf life of grease. Conditions of storage which subject the grease to cyclic heating and cooling generally affect the degradation of grease properties. Some grease may harden to an objectionable extent if exposed to moisture. Table 6 shows that the minimum shelf life ( $L_{10}$ ) of greases are between 1.8 and 4.8 years and that the retesting frequency of five grease products can be extended from two years to three years.

Many hydraulic fluids have a recommended shelf life after which properties should be retested to assure quality of the fluid. The storage characteristics of a hydraulic fluid are closely related to chemical stability and handling characteristics. Most critical failures of a hydraulic fluid during storage period are caused by poor oxidation stability and contaminations such as moisture present.<sup>9</sup> Table 6 also shows that the retesting frequency of three hydraulic fluids can be raised from two years to three years.

The quality of lubricating oils is attained not only through purification and manufacturing process but also through the addition of certain chemical compounds or additive agents. The separation of some of the ingredients may take place during storage. This separation may be due to insolubility, agglomeration of some component, or chemical reaction of ingredients. Table 6 shows that the MIL-L-2104 and MIL-L-23699 engine oils provided excellent shelf life, while MIL-L-2105 gear oil projected very poor shelf life. Typically, this product has been found to lose its anti-form qualities upon storage due to striation, coalescence, or to insolubility of the defoamer additives. Based on the data, the shelf life retesting frequency of MIL-L-63460 oil can also be extended from two years to three years.

The silicone brake fluid (MIL-B-46176) shows a longer shelf life among the POL products evaluated. It appears that the synthetic fluids provide a longer shelf life than

those of petroleum based fluids because of their excellent chemical and thermal stability. Therefore, the shelf life retesting frequency of MIL-B-46176 fluid can be extended as well as the other products noted above.

## **CONCLUSIONS/RECOMMENDATIONS**

On the basis of the work completed to date, the shelf life of POL products can be predicted using Maximum Likelihood method for two-parameter Weibull distribution. Our statistical analysis indicated the shelf life retesting frequency of the following eleven (11) products can be extended from two years to three years without reformulation.

MIL-B-46176, MIL-G-21164, MIL-G-25013, MIL-G-81322, VV-G-632,  
VV-G-671, MIL-H-46001, MIL-H-46170, MIL-H-83282, MIL-L-2104,  
MIL-L-21260

On the other hand, the following seven (7) products may need reformulation or replacement to use in refurbishment of PWHE for storage aboard prepositioned ships, which have a thirty (30) month turn around cycle.

MIL-G-4343, MIL-G-10924, MIL-G-23827, MIL-H-6083, MIL-L-2105,  
MIL-L-46167, VV-L-800

The maximum shelf life ( $L_{50}$ ) prediction can be used to control the shelf life testing periods and to determine the upper useful life of POL products during storage.

## REFERENCES

1. Army Regulation 700-89, *Identification, Control, and Utilization of Shelf Life Items*, September 1974.
2. MIL-HDBK-200G, *Quality Surveillance Handbook for Fuels, Lubricants, and Related Products*, July 1987.
3. SKF Engineering Data Catalog, No. 140-110, November 1979.
4. Steiger, Fred H., "Practical Applications of the Weibull Distribution Function," *Chem Tech*, April 1971.
5. Contract No. DAAK 70-77-C-0034, "Performance of Automotive Wheel Bearing Greases," *Final Report*, SKF Inc., May 1984.
6. Kapur, K.C. and Lamberson, L.R., *Reliability in Engineering Design*, 1977, PP. 292-341.
7. Nelson, Wayne, *Applied Life Performance and Data Analysis*, Wiley series in Probability and Mathematical Statistics, PP. 313-404.
8. In-Sik Rhee, "Evaluation of the  $L_{10}$  Life of Military Greases in Wheel Bearings by Computer Analysis," *ASME, Failure, Prevention and Reliability*, 1985 and *BRDEC Report 2409*, May 1984.
9. Military Handbook 118, *Hydraulic Fluids*, 22 September 1993.

## Appendix A: Lubricants for Petroleum and Water Handling Equipment

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DOCUMENT	EQUIPMENT NOMENCLATURE	
MIL SPECIFICATION	DESCRIPTION	INTERVAL
TM 5-3825-202-20 LO 5-3825-202-20	DISTRIBUTOR, WATER, TANK TYPE: GED, TRK MTD, 1000 GAL	
MIL-L-2104	LUBRICATING OIL, OE/HDO	50 Hrs
MIL-L-10295 *MIL-L-46167	LUBRICATING OIL, OES	50 Hrs
MIL-G-10924	GREASE, GAA	1000 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-3825-221-14 LO 5-3825-221-12 MIL-D-13687	DISTRIBUTOR, WATER, TANK-TYPE, TRK MTD, GED (MODEL W15A) DED (MODEL W15B9019)	
MIL-L-2104	LUBRICATING OIL, OE/HDO	50 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	50 Hrs
MIL-G-10924	GREASE, GAA	1000 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-3825-223-12 LO 5-3825-223-12	DISTRIBUTOR, WATER, TANK-TYPE, GED, TRK MTD 1000 GAL	
MIL-L-2104	LUBRICATING OIL, OE/HDO	50 Hrs
MIL-L-10295 *MIL-L-46167	LUBRICATING OIL, OES	50 Hrs
MIL-G-10924	GREASE, GAA	1000 Hrs
VV-L-751 *MIL-L-2105	LUBRICATING OIL, CW-11 GEAR OIL, 85W/140	50 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-200-13P MIL-P-14514 (LO 5-2805-256-12)	PUMP, CENTRIFUGAL, FRAME MTD 1½", GED, EMD, 50 GPM at 70 FT HD, 65 GPM at 50 FT HD (ENGINE, GASOLINE, 1½ HP)	
MIL-L-2104	LUBRICATING OIL, OE/HDO	50 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	50 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-208-12P MIL-P-52109 (LO 5-2805-257-12)	PUMP, CENTRIFUGAL, GED, FRAME MTD, 2" 125 GPM, 50 FT HD (ENGINE, GASOLINE, 3 HP MSTD)	
MIL-L-2104	LUBRICATING OIL, OE/HDO	
MIL-L-21260	LUBRICATING OIL, PE	
P-D-680	SOLVENT, SD-2	



DOCUMENT	EQUIPMENT NOMENCLATURE	
MIL SPECIFICATION	DESCRIPTION	INTERVAL
TM 5-4320-215-12 LO 5-4320-215-12 MIL-P-10360	PUMP, CENTRIFUGAL, FRESH WATER, GED, 2- WH MTD, 4", 500 GPM, 30 FT HD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	100 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	100 Hrs
MIL-G-10924	GREASE, GAA	1000 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-216-15 LO 5-4320-216-12 MIL-P-10360	PUMP, CENTRIFUGAL, FRESH WATER, GED, BASE MTD, 4" 200 GPM, 300 FT HD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	100 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	100 Hrs
MIL-G-10924	GREASE, GAA	10 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-217-15 LO 5-4320-217-12 **MIL-P-12620	PUMP, CENTRIFUGAL, PETROLEUM, GED, SKID MTD, 6", 500 GPM at 555 FT HD TO 1400 GPM at 275 FT HD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	100 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	100 Hrs
MIL-G-10924	GREASE, GAA	100 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-218-15 LO 5-4320-218-12 MIL-P-52144	PUMP, CENTRIFUGAL, PETROLEUM, GED, 4" 350 GPM, 275 FT HD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	BM
MIL-L-46167	LUBRICATING OIL, OEA	BM
MIL-L-21260	LUBRICATING OIL, PE 30	
MIL-G-10924	GREASE, GAA	A
P-D-680	SOLVENT, SD-2	
TM 5-4320-220-15 LO 5-4320-220-12 **MIL-P-14526 MIL-P-17861	PUMP, CENTRIFUGAL, GED, BASE MTD, 2" 166 GPM, 25 FT HD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	50 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	50 Hrs
MIL-G-10924	GREASE, GAA	10 Hrs
P-D-680	SOLVENT, SD-2	

DOCUMENT	EQUIPMENT NOMENCLATURE	
MIL SPECIFICATION	DESCRIPTION	INTERVAL
TM 5-4320-222-15 LO 5-4320-222-12 MIL-P-509C (LO 5-2805-206-12)	PUMP UNIT, RECIPROCATING, DIAPHRAM, GED, WH MTD, RUBBER TIRES, 4" 100 GPM, 10 FT SUCTION LIFT, W/MSTD ENG MODEL 2A016-2	
MIL-A-46153	ANTIFREEZE, ENGINE	
MIL-L-2104	LUBRICATING OIL, OE/HDO	10 Hrs
MIL-L-2105	LUBRICATING OIL, GO	250 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	10 Hrs
MIL-G-10924	GREASE, GAA	250 Hrs
MIL-G-23827	GREASE, GIA	
P-D-680	SOLVENT, SD-2	
TM 5-430-225-25P	PUMP, CENTRIFUGAL, GED, SKID MTD, 6" 1120 GPM, SELF PRIMING	
TM 5-4320-226-14 LO 5-4320-226-12 MIL-P-52144	PUMPING ASSEMBLY, DED, WH MTD, 350 GPM, 275 FT HD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	200 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	200 Hrs
MIL-G-10924	GREASE, GAA	3000 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-228-13P **MIL-P-14526 MIL-P-17861 (LO 5-2805-213-12)	PUMP, CENTRIFUGAL, GED, FRAME MTD, 2" 170 GPM, 50 FT HD (ENGINE GASOLINE, 14 HP, MSTD MODEL A042)	
MIL-L-2104	LUBRICATING OIL, OE/HDO	W
MIL-L-46167	LUBRICATING OIL, OEA	W
P-D-680	SOLVENT, SD-2	
TM 5-4320-233-15 LO 5-4320-233-15	PUMP, CENTRIFUGAL, GED, SKID MTD, 6" 1120 GPM, SELF-PRIMING	
MIL-L-2104	LUBRICATING OIL, OE/HDO	100 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	100 Hrs
MIL-G-10924	GREASE, GAA	500 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-234-34 LO 5-4320-234-12	PUMP, CENTRIFUGAL, SELF-PRIMING, GED, WH MTD, 6" 1500 GPM, 60 FT HD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	50 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	50 Hrs
MIL-G-10924	GREASE, GAA	2000 Hrs
P-D-680	SOLVENT, SD-2	

DOCUMENT	EQUIPMENT NOMENCLATURE	
MIL SPECIFICATION	DESCRIPTION	INTERVAL
TM 5-4320-237-12 LO 5-4320-237-12 MIL-P-3230	PUMPING ASSEMBLY, FLAMMABLE LIQUID, BULK TRANSFER, CENTRIFUGAL, 50 GPM, 100 FT HD, GED, 2", FRAME MTD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	W
MIL-L-46167	LUBRICATING OIL, OEA	W
P-D-680	SOLVENT, SD-2	
TM 5-4320-240-15 LO 5-4320-240-12	PUMP, CENTRIFUGAL, SELF-PRIMING, 6", ONE STAGE, 1120 GPM	
MIL-L-2104	LUBRICATING OIL, OE/HDO	BM
MIL-L-46167	LUBRICATING OIL, OEA	BM
P-D-680	SOLVENT, SD-2	
TM 5-4320-242-14 (LO 5-2805-259-12) MIL-P-5243	PUMP ASSEMBLY, FLAMMABLE LIQUID, BULK TRANSFER, GED, 350 GPM, 190 FT HD, WH MTD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	
MIL-L-46167	LUBRICATING OIL, OEA	
MIL-G-10924	GREASE, GAA	
P-D-680	SOLVENT, SD-2	
TM 5-4320-243-15 LO 5-4320-243-12	PUMP, CENTRIFUGAL, PIPELINE, GED, SKID MTD, 500 GPM to 1400 GPM	
MIL-L-2104	LUBRICATING OIL, OE/HDO	100 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	100 Hrs
MIL-G-10924	GREASE, GAA	100 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-248-15 LO 5-4320-248-12	FUEL SYSTEM, TRANSFER, PORTABLE, PUMP CENTRIFUGAL, 100 GPM, 2 DISCHARGE ROSE ASSEMBLIES, 3 HP GED	
MIL-L-2104	LUBRICATING OIL, OE/HDO	W
MIL-L-46167	LUBRICATING OIL, OEA	W
P-D-680	SOLVENT, SD-2	
TM 5-4320-249-14 (LO 5-2805-259-12) **MIL-P-52469	PUMP, CENTRIFUGAL, WATER, 200 GPM	
MIL-L-2104	LUBRICATING OIL, OE/HDO	
MIL-L-46167	LUBRICATING OIL, OEA	
P-D-680	SOLVENT, SD-2	
TM 5-4320-251-14 LO 5-4320-251-12 MIL-P-509 (LO 5-2805-257-12)	PUMP, RECIPROCATING, POWER DRIVEN DIAPHRAM, GED, WH MTD, 100 GPM  (ENGINE, GASOLINE, 3 HP MSTD)	

DOCUMENT	EQUIPMENT NOMENCLATURE	
MIL SPECIFICATION	DESCRIPTION	INTERVAL
MIL-A-46153	ANTIFREEZE, ENGINE	
MIL-L-2104	LUBRICATING OIL, OE/HDO	100 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	100 Hrs
MIL-G-10924	GREASE, GAA	500 Hrs
MIL-G-23827	GREASE, G1A	
P-D-680	SOLVENT, SD-2	
TM 5-4320-252-14 LO 5-4320-252-12 (LO 5-2805-257-12)	PUMP, RECIPROCATING, DIAPHRAM, 100 GPM, LESS MIL STD ENG (ENGINE, GASOLINE, 3 HP MSTD)	
MIL-L-2104	LUBRICATING OIL, OE/HDO	500 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	500 Hrs
MIL-G-10924	GREASE, GAA	1000 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-254-14	PUMP, CENTRIFUGAL, GED, 600 GPM	
TM 5-4320-255-13 LO 5-4320-255-12	PUMP, CENTRIFUGAL, PNEUMATIC, SUMP 210 GPM	
MIL-L-21260	LUBRICATING OIL, PE-1	5 Hrs
MIL-G-10924	GREASE, GAA	10 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-256-12 MIL-P-52746	PUMP ASSEMBLY, FLAMMABLE LIQUID, CENTRI- FUGAL, SELF-PRIMING, GED, 2" 100 GPM	
TM 5-4320-258-12 LO 5-4320-258-12	PUMP, CENTRIFUGAL, POL, GED, 6" 1120 GPM, SKID MTD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	BM
MIL-L-46167	LUBRICATING OIL, OEA	BM
MIL-G-10924	GREASE, GAA	W
P-D-680	SOLVENT, SD-2	
TM 5-4320-259-12 LO 5-4320-259-12 **MIL-P-52591	PUMP ASSEMBLY, FLAMMABLE LIQUID, BULK TRANSFER, CENTRIFUGAL, GED, 100 GPM	
MIL-L-2104	LUBRICATING OIL, OE/HDO	W
MIL-L-46167	LUBRICATING OIL, OEA	W
P-D-680	SOLVENT, SD-2	
TM 5-4320-272-12 LO 5-4320-272-12	PUMP ASSEMBLY, FLAMMABLE LIQUID, BULK TRANSFER, GED, 350 GPM, 275 FT HD, WH MTD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	50 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	50 Hrs
MIL-G-10924	GREASE, GAA	1000 Hrs

DOCUMENT	EQUIPMENT NOMENCLATURE	
MIL SPECIFICATION	DESCRIPTION	INTERVAL
P-D-680	SOLVENT, SD-2	
TM 5-4320-273-14 LO 5-4320-273-12 MIL-P-52144	PUMPING ASSEMBLY, FLAMMABLE LIQUID, BULK TRANSFER, GED, 350 GPM, 275 FT HD, WH MTD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	50 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	50 Hrs
MIL-G-10924	GREASE, GAA	1000 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-274-14P	PUMP, CENTRIFUGAL, FRAME MTD, 1 1/2", EMD	
TM 5-4320-275-13P LO 5-4320-275-12	PUMP, RECIPROCATING, POWER-DRIVEN, DIA-PHRAGM, GED, WH MTD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	Q
MIL-L-2105	LUBRICATING OIL, GO	Q
MIL-L-10295 *MIL-L-46167	LUBRICATING OIL, OES	Q
MIL-G-10924	GREASE, GAA	Q
MIL-G-23827	GREASE, G1A	Q
P-D-680	SOLVENT, SD-2	
TM 5-4320-300-14 LO 5-4320-300-12	PUMP, CENTRIFUGAL, SELF-PRIMING, DED, WH MTD, 6", 1500 GPM, 60 FT HD	
MIL-L-2104	LUBRICATING OIL, OE/HDA	100 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	100 Hrs
MIL-G-10924	GREASE, GAA	2000 Hrs
P-D-680	SOLVENT, SD-2	
TM 5-4320-301-13P	FORWARD AREA WATER SUPPLY SYSTEM	
TM 5-4320-302-14 LO 5-4320-302-12	PUMP, CENTRIFUGAL, WATER, DED, 2 1/2", SKID MTD, 200 GPM, 300 FT HD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	205 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	205 Hrs
MIL-G-10924	GREASE, GAA	415 Hrs
P-D-680	SOLVENT SD-2	
TM 5-4320-303-10 (TM 5-4320-208-12&P LO 5-2805-256-12)	TACTICAL WATER DISTRIBUTION EQUIPMENT SYSTEM (TWDES) SET, 10 ML SEGMENT (SELF-PRIMING, CENTRIFUGAL PUMP, 600 GPM, DED, AND 125 GPM PUMP, GED)	
MIL-A-46153	ANTIFREEZE, ENGINE	
MIL-B-46167	BRAKE FLUID, SILICONE	
MIL-L-2104	LUBRICATING OIL, OE/HDO	250Hrs

DOCUMENT	EQUIPMENT NOMENCLATURE	
MIL SPECIFICATION	DESCRIPTION	INTERVAL
MIL-G-10924	GREASE, GAA	200Hrs
P-D-680	SOLVENT, SD-2	
TM5-4320-304-14MIL-P-52109	PUMP, CENTRIFUGAL, SELF-PRIMING, 125GPM, CLASS3, DED	
MIL-L-2104	LUBRICATINGOIL, OE/HDO	150Hrs
MIL-L-21260	LUBRICATINGOIL, PE	
MIL-G-10924	GREASE, GAA	
MIL-G-18709*DOD-G-24508	GREASE,	
P-D-680	SOLVENT, SD-2	
TM5-4320-305-10	PUMPUNIT, CENTRIFUGAL, HOSELINE, 600GPM, DED	
TM5-4320-306-10	PUMPUNIT, CENTRIFUGAL, FLOOD&TRANSFER, 1250GPM, DED	
MIL-L-2104	LUBRICATINGOIL, OE/HDO	
MIL-L-46167	LUBRICATINGOIL, OEA	
P-D-680	SOLVENT, SD-2	
TM5-4320-308-13MIL-P-3230	PUMPINGASSEMBLY, FLAMMABLELIQUID, BULKTRANSFER, 50GPM, GED, CENTRIFUGAL	
TM5-4320-309-14	PUMP, CENTRIFUGALSELF-PRIMING, 125GPM, WATERANDCLASS3, DED	
MIL-L-2104	LUBRICATINGOIL, OE/HDO	100Hrs
MIL-L-21260	LUBRICATINGOIL, PE	
MIL-G-10924	GREASE, GAA	
MIL-G-18709*DOD-G-24508	GREASE	
P-D-680	SOLVENT, SD-2	
TM5-4610-205-10LO5-4610-205-12MIL-W-52492	WATERPURIFICATIONUNIT, BASEMTD, ED, AC, 115, 208V, SINGLEPHASE&3PHASE, 60CYCLE, 3000GPH	
MIL-L-2105	LUBRICATINGOIL, GO90	500Hrs
MIL-L-46167	LUBRICATINGOIL, OEA	50Hrs
MIL-G-10924	GREASE, GAA	50Hrs
9150-00-261-8924	GREASE, PLUGVALVEACF	50Hrs
ASTMD3496	INSULATINGOIL, ELEC	1000Hrs
P-D-680	SOLVENT, SD-2	
TM5-4610-207-12 (TM5-4320-208-12&LO5-2805-257-12)	WATERTREATMENT, DECONTAMINATIONKIT (CENTRIFUGALPUMP, 125GPMGED, WATERPUMPENGINE, GASOLINE, 3HP MIL-STD)	
MIL-L-2104	LUBRICATINGOIL, OE/HDO	



DOCUMENT	EQUIPMENT NOMENCLATURE	
MIL SPECIFICATION	DESCRIPTION	INTERVAL
MIL-L-21260	LUBRICATING OIL, PE	
P-D-680	SOLVENT, SD-2	
TM5-4610-208-14LO5-4610-208-12	WATER PURIFICATION UNIT: 420 GPH, ED, AC, 115V, SINGLE PHASE, 60 HERTZ, 1/20 TO 1 1/2 HP	
MIL-L-15061	OIL, GENERAL PURPOSE	250 Hrs
MIL-G-10924	GREASE, GAA	50 Hrs
ASTM D3496	INSULATING OIL, ELEC	500 Hrs
P-D-680	SOLVENT, SD-2	
TM5-4610-210-14MIL-H-12732	HYPOCHLORINATION UNIT, WATER, PURIFICATION, FRAME MTD, WATER DRIVEN, 100 GPM	
TM5-4610-215-12LO5-4610-215-12MIL-W-52960	WATER PURIFICATION UNIT, REVERSE OSMOSIS 600 GPH, T RAILER, FLAT BED CARGO, 5 TN 4 WHT ANDEM, OR 600 GPM SKI DMTD	
MIL-L-2104	LUBRICATING OIL, OE/HDO	Q
MIL-L-2105	LUBRICATING OIL, GO	A
MIL-G-10924	GREASE, GAA	A
P-D-680	SOLVENT, SD-2	
TM5-4610-218-12LO5-4610-218-12	WATER PURIFICATION UNIT, VANTYPE BODY MTD, ED, AC, 1 15, 208V, SINGLE AND 3 PHASE, 60 CYCLE 1/20 TO 2 HP, 1500 GPH	
MIL-L-2105	LUBRICATING OIL, GO	1000 Hrs
MIL-L-10324*MIL-L-2105	LUBRICATING OIL, GOS	1000 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	100 Hrs
MIL-G-10924	GREASE, GAA	100 Hrs
ASTM D3496	INSULATING OIL, ELEC	1000 Hrs
P-D-680	SOLVENT, SD-2	
TM5-4610-220-14	WATER PURIFICATION EQUIPMENT SET, PORTABLE, 600 GPH	
TM5-4610-221-12LO5-4610-221-12**MIL-W-52482	WATER PURIFICATION UNIT, VANTYPE BODY MTD, ED, AC, 1 15/206V, SINGLE & 3 PHASE, 60 CYCLE, 1/20 TO 2 HP, 1500 GPH	
MIL-L-2105	LUBRICATING OIL, GO	1000 Hrs
MIL-L-10324*MIL-L-2105	LUBRICATING OIL, GOS	1000 Hrs
MIL-L-46167	LUBRICATING OIL, OEA	100 Hrs
MIL-G-10924	GREASE, GAA	100 Hrs
9150-00-261-8924	GREASE, PLUG VALVE EACF	100 Hrs
ASTM D3496	INSULATING OIL, ELEC	1000 Hrs

DOCUMENT	EQUIPMENT NOMENCLATURE	
MIL SPECIFICATION	DESCRIPTION	INTERVAL
P-D-680	SOLVENT, SD-2	
TM5-4610-223-12LO5-4610-223-12	WATERPURIFICATIONUNIT, BASEMTD, ED, AC, 115, 206V, SINGLEPHASE&3PHASE, 60CY, 3000GPH	
MIL-L-2105	LUBRICATINGOIL, GO	1000Hrs
MIL-L-10324*MIL-L-2105	LUBRICATINGOIL, GOS	1000Hrs
MIL-L-46167	LUBRICATINGOIL, OEA	100Hrs
MIL-G-10924	GREASE, GAA	100Hrs
ASTMD3496	INSULATINGOIL, ELEC	1000Hrs
9150-00-261-8924	GREASE, PLUGVALVE	100Hrs
P-D-680	SOLVENT, SD-2	
TM5-4610-228-13	WATERDISTRIBUTIONSYSTEM	
TM5-4930-227-12LO5-4930-227-12	TANKANDPUMPUNIT, LIQUIDDISPENSING, FORTRUCKMOUNTING	
MIL-L-2104	LUBRICATINGOIL, OE/HDO	25Hrs
MIL-L-46167	LUBRICATINGOIL, OEA	25Hrs
MIL-G-10924	GREASE, GAA	500Hrs
MIL-M-63004	LUBRICATINGOIL,	50Hrs
P-D-680	SOLVENT, SD-2	
TM5-4930-228-12LO5-4930-228-12	TANKANDPUMPUNIT, LIQUIDDISPENSINGFORTRUCKMOUNTING	
MIL-L-2104	LUBRICATINGOIL, OE/HDO	50Hrs
MIL-L-46167	LUBRICATINGOIL, OEA	50Hrs
MIL-G-10924	GREASE, GAA	100Hrs
P-D-680	SOLVENT, SD-2	
TM10-4320-316-12LO5-4320-316-12	PUMP, CENTRIFUGAL, DED, SELF-PRIMING, 65GPMWATER, CLASSIII	
MIL-L-2104	LUBRICATINGOIL, OE/HDO	100Hrs
MIL-L-46167	LUBRICATINGOIL, OEA	100Hrs
P-D-680	SOLVENT, SD-2	
TM10-4320-324-12LO10-4320-324-12	PUMPINGASSEMBLY, FLAMMABLELIQUID, BULKTRANSFER, DED, WEMTD, 350GPM, 275FTHD	
MIL-L-2104	LUBRICATINGOIL, OE/HDO	200Hrs
MIL-L-46167	LUBRICATINGOIL, OEA	200Hrs
MIL-G-10924	GREASE, GAA	3000Hrs
P-D-680	SOLVENT, SD-2	



REMARKS:

\*MIL-L-46167 Replaced MIL-L-10295, Dated 15 Feb 74  
\*MIL-L-2105 Replaced MIL-L-10324, Dated 10 Feb 77  
\*MIL-L-2105 Replaced VV-L-751(85W/140), Dated 21 Mar 90  
\*DOD-G-24508 Replaced MIL-G-18709, Dated 26 Jan 83  
\*\*MIL-P-12620E Canceled  
\*\*MIL-P-14526A Superseded by MIL-P-17861  
\*\*MIL-P-52591 Canceled  
\*\*MIL-W-52482D Canceled

INTERVAL:

BM - 100 Hrs, 1000 Miles or Bimonthly  
A - 1000 Hrs, 10,000 Miles, or Annually  
W - 50 Hrs, 500 Miles, or Weekly  
Q - Quarterly or 75 Hrs

ABBREVIATIONS:

CY - Cycle  
DED - Diesel Engine Driven  
GED - Gasoline Engine Driven  
EMD - Electric Motor Driven  
ED - Electric Driven  
GPM - Gallon Per Minute  
GPH - Gallon Per Hour  
HP - Horse Power  
MTD - Mounted  
WH - Wheel

## Appendix B: Shelf Life Data from APC

SPEC	LABN	NSN	CONTPROC	BATCH	COMPDT	RSLT
MIL-A-46153B	3163	6850001817933	DLA40089C5374	1D	13-JAN-93	PASS
	3164	6850001817933	DLA40089C5224	51789AF05	13-JAN-93	PASS
	3165	6850001817933	DLA40089C5374	1E	13-JAN-93	PASS
	2525	6850001817980	DLA40089C5802	12389EG-04	16-DEC-93	PASS
MIL-B-46176	521	91500110728379	DLA60083C0793	83010	20-OCT-93	PASS
	1702	9150011029455	DLA60083C0975	1	22-NOV-93	PASS
	1704	9150011029455	DLA60082C0830	82035	22-NOV-93	FAIL
	1705	9150011029455	DLA60082C1177	C4158D	22-NOV-93	PASS
	1707	9150011029455	DLA60082C1523	GB112014	22-NOV-93	FAIL
	10159	9150011029455	DLA60082C1177	C-4158B	28-JUL-93	PASS
	10160	9150011029455	DLA60082C1523	GB112014	28-JUL-93	PASS
	11347	9150011029455	DLA40087C5392	GB097569	01-SEP-93	PASS
	11348	9150011029455	DLA40088C5347	GB029597	01-SEP-93	PASS
MIL-B-46176A	294	9150011029455	DLA40087C5392	GB087568	15-OCT-93	PASS
	3871	9150011029455	DLA60082C1177	C4158D	10-FEB-93	PASS
	4153	9150011029455	DLA60082C1523	112014	03-FEB-93	PASS
	6398	9150011029455		GB011687	21-APR-93	PASS
	7546	9150011029455	DLA40087C5392	GB097569	02-JUN-93	FAIL
	7576	9150011029455	DLA40086C5495	87100	02-JUN-93	PASS
	7578	9150011029455	DLA40086C5495	86174	02-JUN-93	PASS
	7693	9150011029455	DLA40087C5392	GB087567	02-JUN-93	FAIL
	7710	9150011029455	DLA40088C5347	GB029597	02-JUN-93	FAIL
	8805	9150011029455	DLA60083C0793	83010	14-JUN-93	PASS
	8806	9150011029455	DLA40090C5093	GB050518	14-JUN-93	FAIL
	10722	9150011029455	DLA40088C5347	GB019595	05-AUG-93	PASS
	11159	9150011029455	DLA40090C5093	GB010501	25-AUG-93	PASS
	3305	9150011233152	DLA40091C5487	AA081020	25-JAN-93	PASS
	4772	9150011233152	DLA40091C5487	AA081254	12-APR-93	PASS
	7570	9150011233152	DLA40091C5487	AA081020	13-MAY-93	PASS
MIL-G-10924D	8524	9150001900905	DLA40087C5210	260063187	23-JUN-93	PASS
	2579	9150001900907	DLA40088D0089	11-635-88	14-JAN-93	FAIL
	4461	9150001900907	DLA40087D0046	6-621-87	09-MAR-93	PASS
	6994	9150001900907	DLA40087D0046	4-616-88	04-MAY-93	NONE
	11806	9150001900907	DLA40088D0089	4-614-89	21-SEP-93	FAIL
	12316	9150009351017	DLA40088C0346	008	18-OCT-93	PASS
MIL-G-10924E	10353	9150011977691	DLA40089D0073	OLA001243	14-SEP-93	FAIL
	339	9150011977692	DLA40090D0002	OLA004144	13-OCT-93	FAIL
	815	9150011977692	DLA40089D0073	OLA001213	02-NOV-93	PASS

1151	9150011977692	DLA40089D0073	OLA003047	08-NOV-93	PASS
2720	9150011977692	DLA40089D0073	OLA001157	20-DEC-93	FAIL
2721	9150011977692	DLA40089D0073	OLA001158	20-DEC-93	FAIL
2722	9150011977692	DLA40090D0002	OLA003281	20-DEC-93	FAIL
2723	9150011977692	DLA40090D0002	OLA003282	20-DEC-93	FAIL
9944	9150011977692	DLA40090D0002	OLA005026	13-JUL-93	FAIL

MIL-G-10924F	1956	DLA40092D0035	211051	21-DEC-93	PASS	
	2351	DLA40092D0035	211059	05-JAN-93	PASS	
	2352	DLA40092D0035	211149	05-JAN-93	PASS	
	2828	DLA40092D0035	OLA 211160	21-JAN-93	PASS	
	2831	DLA40092D0035	OLA 211161	21-JAN-93	PASS	
	2832	DLA40092D0035	OLA 211162	21-JAN-93	PASS	
	2834	DLA40092D0035	OLA 211163	21-JAN-93	PASS	
	4063	DLA40092D0035	212110	22-FEB-93	PASS	
	1014	9150011927692	DLA40091D0017	108051	15-NOV-93	PASS
	1015	9150011927692	DLA40091D0017	107037	15-NOV-93	PASS
	1016	9150011927692	DLA40091D0017	108058	16-NOV-93	PASS
	1017	9150011927692	DLA40091D0017	108059	16-NOV-93	SFU
	4511	9150011977689	DLA45192C5193	H-8-92	19-MAR-93	PASS
	4512	9150011977689	DLA40092C5024	OLA201121	19-MAR-93	PASS
	6219	9150011977689	DLA40091C5019	OLA101203	26-APR-93	PASS
	7814	9150011977689	DLA40091C5019	OLA102121	10-JUN-93	PASS
	8116	9150011977689	DLA40092C5024	OLA201122	10-JUN-93	PASS
	8292	9150011977689	DLA40091C5019	OLA104007	22-JUN-93	PASS
	8293	9150011977689	DLA40091C5019	OLA101203	22-JUN-93	PASS
	1678	9150011977690	DLA40091C5285	OLA104091	24-NOV-93	PASS
	2030	9150011977690	DLA40091C5053	OLA012149	20-DEC-93	PASS
	5255	9150011977690	DLA40091C5053	OLA012147	23-MAR-93	PASS
	5805	9150011977690	DLA40091C5053	OLA012147	14-APR-93	PASS
	5951	9150011977690	DLA40091C5285	OLA105068	23-APR-93	PASS
	5952	9150011977690	DLA40091C5285	OLA105067	23-APR-93	PASS
	5953	9150011977690	DLA40091C5285	OLA105066	23-APR-93	PASS
	6061	9150011977690	DLA40091C5053	OLA012148	23-APR-93	PASS
	9421	9150011977690	DLA40091C5285	OLA105117	01-SEP-93	PASS
	9422	9150011977690	DLA40091C5285	OLA106061	08-SEP-93	SFU
	9423	9150011977690	DLA40091C5285	OLA105148	14-SEP-93	SFU
	9424	9150011977690	DLA40091C5053	OLA012147	14-SEP-93	PASS
	9425	9150011977690	DLA40091C5053	OLA105113	16-SEP-93	SFU
	9426	9150011977690	DLA40091C5053	OLA104098	21-SEP-93	SFU
	9429	9150011977690	DLA40091C5285	OLA104266	21-SEP-93	PASS
	11624	9150011977690	DLA40091C5053	012148	23-SEP-93	PASS
	11625	9150011977690	DLA40091C5053	12149	29-SEP-93	SFU
	11626	9150011977690	DLA40091C5285	104098	29-SEP-93	SFU
	11628	9150011977690	DLA40091C5285	105113	30-SEP-93	SFU
	11689	9150011977690	DLA40091C5053	012149	07-OCT-93	FAIL
	574	9150011977691	DLA40091D0017	OLA105063	02-NOV-93	PASS
	8610	9150011977691	DLA40091D0017	OLA104132	10-JUN-93	PASS
	1679	9150011977692	DLA40091D0017	OLA107035	24-NOV-93	PASS
	1680	9150011977692	DLA40091D0017	OLA106122	24-NOV-93	PASS

1681	9150011977692	DLA40091D0017	OLA105116	29-NOV-93	PASS
1682	9150011977692	DLA40091D0017	OLA106228	29-NOV-93	PASS
1683	9150011977692	DLA40091D0017	OLA107040	29-NOV-93	PASS
1684	9150011977692	DLA40091D0017	OLA104148	29-NOV-93	PASS
2117	9150011977692	DLA40091D0017	OLA106225	13-DEC-93	PASS
2917	9150011977692	DLA40092D0035	212015	26-JAN-93	PASS
2918	9150011977692	DLA40092D0035	211164	26-JAN-93	PASS
3084	9150011977692	DLA40092D0035	OLA 212016	27-JAN-93	PASS
3085	9150011977692	DLA40092D0035	OLA 212017	27-JAN-93	PASS
3086	9150011977692	DLA40092D0035	OLA 212018	28-JAN-93	PASS
3087	9150011977692	DLA40092D0035	OLA 212019	28-JAN-93	PASS
3226	9150011977692	DLA40092D0035	212020	02-FEB-93	PASS
3229	9150011977692	DLA40092D0035	212096	02-FEB-93	PASS
3230	9150011977692	DLA40092D0035	212095	03-FEB-93	PASS
4444	9150011977692	DLA40092D0035	OLA 212111	25-FEB-93	PASS
4445	9150011977692	DLA40092D0035	OLA 212108	25-FEB-93	PASS
4447	9150011977692	DLA40092D0035	OLA 301082	03-MAR-93	PASS
5253	9150011977692	DLA40092D0035	301083	23-MAR-93	PASS
5254	9150011977692	DLA40092D0035	301084	23-MAR-93	PASS
7574	9150011977692	DLA40091D0017	OLA107031	19-MAY-93	PASS
7894	9150011977692	DLA40092D0035	304061	27-MAY-93	PASS
8022	9150011977692	DLA40091D0017	OLA104258	27-MAY-93	PASS
8024	9150011977692	DLA40091D0017	OLA102077	03-JUN-93	SFU
8164	9150011977692	DLA40091D0017	OLA106160	18-JUN-93	PASS
8165	9150011977692	DLA40091D0017	OLA106159	18-JUN-93	PASS
8166	9150011977692	DLA40091D0017	OLA106163	18-JUN-93	FAIL
8530	9150011977692	DLA40091D0017	OLA105183	25-JUN-93	PASS
8531	9150011977692	DLA40091D0017	OLA106159	25-JUN-93	PASS
8532	9150011977692	DLA40091D0017	OLA107096	28-JUN-93	PASS
8534	9150011977692	DLA40091D0017	OLA107099	30-JUN-93	FAIL
8535	9150011977692	DLA40091D0017	OLA106161	01-JUL-93	FAIL
8536	9150011977692	DLA40091D0017	OLA105185	06-JUL-93	PASS
8537	9150011977692	DLA40091D0017	OLA105184	06-JUL-93	PASS
8538	9150011977692	DLA40091D0017	OLA105186	07-JUL-93	FAIL
8539	9150011977692	DLA40091D0017	OLA106157	09-JUL-93	PASS
8540	9150011977692	DLA40091D0017	OLA106015	09-JUL-93	PASS
8541	9150011977692	DLA40091D0017	OLA103105	12-JUL-93	FAIL
8542	9150011977692	DLA40091D0017	OLA106121	14-JUL-93	PASS
8543	9150011977692	DLA40091D0017	OLA105154	20-JUL-93	FAIL
8544	9150011977692	DLA40091D0017	OLA107031	16-JUL-93	PASS
8545	9150011977692	DLA40091D0017	OLA106055	19-JUL-93	PASS
8546	9150011977692	DLA40091D0017	OLA106012	19-JUL-93	PASS
8547	9150011977692	DLA40091D0017	OLA104096	21-JUL-93	PASS
8548	9150011977692	DLA40091D0017	OLA105152	30-JUL-93	PASS
8549	9150011977692	DLA40091D0017	OLA106018	23-JUL-93	PASS
8550	9150011977692	DLA40091D0017	OLA104005	23-JUL-93	PASS
8551	9150011977692	DLA40091D0017	OLA105155	29-JUL-93	FAIL
8552	9150011977692	DLA40091D0017	OLA107097	29-JUL-93	PASS
8553	9150011977692	DLA40091D0017	OLA105153	30-JUL-93	FAIL
8554	9150011977692	DLA40091D0017	OLA104008	03-AUG-93	PASS
8555	9150011977692	DLA40091D0017	OLA106013	03-AUG-93	FAIL

8556	9150011977692	DLA40091D0017	OLA106016	04-AUG-93	PASS
8557	9150011977692	DLA40091D0017	OLA106053	10-AUG-93	FAIL
8558	9150011977692	DLA40091D0017	OLA106017	10-AUG-93	PASS
8559	9150011977692	DLA40091D0017	OLA104009	10-AUG-93	PASS
8560	9150011977692	DLA40091D0017	OLA102126	12-AUG-93	FAIL
8561	9150011977692	DLA40091D0017	OLA103070	12-AUG-93	PASS
8562	9150011977692	DLA40091D0017	OLA102079	13-AUG-93	PASS
8563	9150011977692	DLA40091D0017	OLA106014	17-AUG-93	FAIL
8564	9150011977692	DLA40091D0017	OLA103107	17-AUG-93	PASS
8565	9150011977692	DLA40091D0017	OLA104002	17-AUG-93	PASS
8566	9150011977692	DLA40091D0017	OLA104007	23-AUG-93	PASS
8567	9150011977692	DLA40091D0017	OLA106019	23-AUG-93	FAIL
8568	9150011977692	DLA40091D0017	OLA104004	23-AUG-93	FAIL
8569	9150011977692	DLA40091D0017	OLA106054	26-AUG-93	PASS
8570	9150011977692	DLA40091D0017	OLA104006	26-AUG-93	PASS
8571	9150011977692	DLA40091D0017	OLA107098	26-AUG-93	SFU
8572	9150011977692	DLA40091D0017	OLA104092	30-AUG-93	PASS
8573	9150011977692	DLA40091D0017	OLA104093	30-AUG-93	PASS
8574	9150011977692	DLA40091D0017	OLA104097	30-AUG-93	PASS
8575	9150011977692	DLA40091D0017	OLA104095	07-SEP-93	PASS
8576	9150011977692	DLA40091D0017	OLA106222	03-SEP-93	PASS
8577	9150011977692	DLA40091D0017	OLA107100	03-SEP-93	PASS
9621	9150011977692	DLA40091D0017	OLA107094	15-SEP-93	FAIL
10354	9150011977692	DLA40091D0017	OLA101206	08-SEP-93	FAIL
10355	9150011977692	DLA40091D0017	OLA10158	08-SEP-93	FAIL
10764	9150011977692	DLA40091D0017	OLA106157	08-SEP-93	PASS
10782	9150011977692	DLA40092D0035	OLA211148	10-AUG-93	PASS
11160	9150011977692	DLA40091D0017	OLA106223	13-SEP-93	PASS
11809	9150011977692	DLA40091D0017	OLA104194	20-SEP-93	PASS
11810	9150011977692	DLA40091D0017	OLA104237	20-SEP-93	PASS
1734	9150011977693	DLA40089C5390	OLA006029	29-NOV-93	PASS
2534	9150011977693	DLA45192C5273	OLA208087	20-DEC-93	PASS
3344	9150011977693	DLA40089C5390	OLA006031	26-FEB-93	PASS
4158	9150011977693	DLA40089C5390	OLA006030	18-MAR-93	PASS
5087	9150011977693	DLA40089C5390	OLA006039	23-MAR-93	FAIL
6396	9150011977693	DLA40089C5390	006039	28-APR-93	FAIL
10368	9150011977693	DLA40089C5390	OLA006043	26-JUL-93	FAIL
11338	9150011977693	DLA40089C5390	OLA006030	15-SEP-93	FAIL
11627	9150011977693	DLA40089C5390	006035	30-SEP-93	FAIL
11629	9150011977693	DLA40089C5390	6027	05-OCT-93	PASS

MIL-H-46170B	888	9150001116254	DAKFL91A8106	SB27	04-NOV-93	PASS
	1746	9150001116254	DLA40091C5527	1P	24-NOV-93	FAIL
	1747	9150001116254	DLA40087C5564	112053	24-NOV-93	PASS
	1748	9150001116254	DLA40091C5527	7M	24-NOV-93	FAIL
	7459	9150001116254	DLA40089C5372	78	02-JUN-93	PASS
	7460	9150001116254	DLA40084CF022	B5136	02-JUN-93	PASS
	8011	9150001116254	DLA40090C5350	90-2	08-JUN-93	PASS
	8466	9150001116254	DLA45193MM356	4Z	01-JUN-93	PASS
	10330	9150001116254	DLA40091C5527	9P	04-AUG-93	PASS

	10331	9150001116254	DLA60083C1139	39	04-AUG-93	PASS
	10332	9150001116254	DLA40085CF010	86329	04-AUG-93	PASS
	10333	9150001116254	DLA40085CF010	86362	04-AUG-93	PASS
	10334	9150001116254	DLA40084CF022	85136E	04-AUG-93	PASS
	10335	9150001116254	DLA40084CF022	85136F	05-AUG-93	PASS
	10336	9150001116254	DLA40087C5564	103826	03-AUG-93	PASS
	1722	9150001116256	DLA40088C0897	89-2	24-NOV-93	FAIL
	1743	9150001116256	DLA40091C5208	91-2	03-DEC-93	PASS
	1744	9150001116256	DLA40089C5118	QE-01	03-DEC-93	FAIL
	2719	9150001116256	DLA40091C5208	91-2	27-DEC-93	PASS
	10370	9150001116256	DLA40091C5207	SB21	29-JUL-93	PASS
	10783	9150001116256	DLA40086C5570	L-13E	02-SEP-93	PASS
	11849	9150011580462	DLA40086C5427	12E	22-SEP-93	PASS
MIL-H-6083U	7456	9150009359808	DLA40084CF192	9889D	02-JUN-93	FAIL
	7457	9150009359808	DLA40084CF027	60	02-JUN-93	PASS
MIL-H-6083E	4617	9150009359807	DLA40087C5565	95114	12-APR-93	SFU
	10545	9150009359807	DLA40091C1602	3H	22-SEP-93	PASS
	21	9150009359808	DLA40091C5517	92-1	13-OCT-93	PASS
	3001	9150009359808	DLA40090C0564	RE01	26-JAN-93	PASS
	3380	9150009359808	DLA40090C0564	RE01	09-FEB-93	PASS
	4119	9150009359808	DLA40090C0564	RE01	25-FEB-93	PASS
	4764	9150009359808	DLA40090C0564	RE01	12-APR-93	PASS
	6645	9150009359808	DLA40090C0564	RE01	07-APR-93	PASS
	8523	9150009359808	DLA40088C5302	P102	25-JUN-93	FAIL
	3833	9150009359809	DLA40089C5095	89-2	22-MAR-93	PASS
	4118	9150009359809	DLA40089C5095	89-2	25-FEB-93	PASS
	11346	9150009359809	DLA40087C1265	N101	07-SEP-93	PASS
	11345	9150009359810	DLA40089C5378	QK03	07-SEP-93	PASS
	11847	9150009359810	DLA40089C5378	QK-03	05-OCT-93	PASS
MIL-L-14107C	1755	9150002929687	DLA40091MC877	SA91	29-NOV-93	PASS
	6175	9150002929687	DLA40091C5523	SJ10	06-APR-93	PASS
MIL-L-2104C	10784	9150001866681	DSA60075C1179	8210	19-AUG-93	PASS
	7542	9150001889858	DLA60080D1137	978	02-JUN-93	PASS
	3000	9150001896729	DLA40085D0057	4787	28-JAN-93	PASS
	2522	9150001912772	DLA40084D0077	200	21-DEC-93	PASS
	11103	9150001912772	DLA40091C5123	910271	24-AUG-93	PASS
	11104	9150001912772	DLA40091C5123	910305	24-AUG-93	PASS
	11105	9150001912772	DLA40091C5123	910263	24-AUG-93	PASS
MIL-L-2104D	5483	9150001866668		FN02450A	07-APR-93	SFU
	10543	9150001866668	DLA40087D0032	882969	05-AUG-93	PASS
	1723	9150001889858	DLA40090D0076	328	29-NOV-93	PASS
	7577	9150001889858	DLA40086D0077	D628-87	02-JUN-93	PASS

1355	9150001896729	DLA40085D0042	2587	10-NOV-93	FAIL
2041	9150001896729	DLA40086D0080	99287	06-DEC-93	PASS
2044	9150001896729	DLA40086D0080	89127	06-DEC-93	PASS
2565	9150001896729	DLA40090D0075	90-55	27-JAN-93	PASS
2567	9150001896729	DLA40090D0075	90-52	27-JAN-93	PASS
2571	9150001896729	DLA40091C5156	426	26-JAN-93	PASS
2572	9150001896729	DLA40086D0078	554	26-JAN-93	PASS
2573	9150001896729	N0022890C3114	042414	26-JAN-93	PASS
2580	9150001896729	DLA40091C5156	451	26-JAN-93	PASS
2582	9150001896729	DLA40091C5156	411	27-JAN-93	PASS
2688	9150001896729	DLA40091C5156	00382	27-JAN-93	PASS
2689	9150001896729	DLA40089D0111	250	27-JAN-93	PASS
2690	9150001896729	DLA40091C5156	376	27-JAN-93	PASS
2691	9150001896729	DLA40091C5156	421	27-JAN-93	PASS
2692	9150001896729	DLA40089D0111	62	27-JAN-93	PASS
2693	9150001896729	DLA40089D0111	144	27-JAN-93	PASS
2694	9150001896729	DLA40090D0075	90-45	28-JAN-93	PASS
12142	9150001896729	DLA40085D0042	2587	06-OCT-93	FAIL
2564	9150001912772	DLA40087C5021	3	07-JAN-93	PASS
2576	9150001912772	DLA60082D1362	F-3-6-16	27-JAN-93	PASS
10548	9150011524117	DLA40085CF012	C-4345-C	16-AUG-93	PASS
9427	9150011524118	DLA40085CF012	C4344E	25-JUN-93	PASS
9428	9150011524118	DLA40085C5210	2	25-JUN-93	PASS
9552	9150011524118	DLA40085C5210	2	01-JUL-93	PASS
10249	9150011524118	DLA40085C5210	2	10-AUG-93	PASS
10250	9150011524118	DLA40085CF012	C-4344-E	10-AUG-93	PASS
1721	9150011524119	DLA40090D0075	90-47	22-NOV-93	PASS
9244	9150011524119	DLA40087D0062	871826	01-JUL-93	PASS
11125	9150011524119	DLA40087D0062	871826	26-AUG-93	PASS
11850	9150011524119	DLA40087D0062	8882458	22-SEP-93	PASS
12310	9150011773988	DLA40086C5557	101C	07-OCT-93	FAIL
570	9150011784726	DLA40087C5508	1024-01	27-OCT-93	PASS
571	9150011784726	DLA40087C5508	0920-01	21-OCT-93	PASS
572	9150011784726	DLA40087C5508	0509-01	21-OCT-93	PASS
573	9150011784726	DLA40085C5621	C-4422	21-OCT-93	PASS
1720	9150011784726	DLA40087C5100	C-4496	22-NOV-93	PASS
2508	9150011784726	DLA40085C5621	C-4422	16-DEC-93	PASS
3832	9150011784726	DLA40087C5100	C-4496	22-MAR-93	PASS
4620	9150011784726	DLA40087C5508	0-238	08-APR-93	PASS
7106	9150011784726	DLA40087C5508	LN1011-01	26-APR-93	PASS
8767	9150011784726	DLA40087C5508	0408-01	10-JUN-93	PASS

MIL-L-2104E	1287	DLA45192D8030	92-23	24-NOV-93	PASS
	1291	DLA45192D8030	92-25	24-NOV-93	PASS
	1295	DLA45192D8030	92-24	02-DEC-93	PASS
	1296	DLA45192D8030	92-14	02-DEC-93	PASS
	1297	DLA45192D8030	92-22	02-DEC-93	PASS
	1299	DLA45192D8030	92-19	02-DEC-93	PASS
	1302	DLA45192D8030	92-27	02-DEC-93	PASS
	1304	DLA45192D8030	92-28	02-DEC-93	PASS



1307	DLA45192D8030	92-29	02-DEC-93 PASS
1309	DLA45192D8030	92-30	07-DEC-93 PASS
1312	DLA45192D8030	92-32	07-DEC-93 PASS
1313	DLA45192D8030	92-31	07-DEC-93 PASS
1314	DLA45192D8030	92-10	07-DEC-93 PASS
1315	DLA45192D8030	92-02	07-DEC-93 PASS
1317	DLA45192D8030	92-11	07-DEC-93 PASS
1320	DLA45192D8030	92-13	07-DEC-93 PASS
1321	DLA45192D8030	92-12	07-DEC-93 PASS
1322	DLA45192D8030	92-01	07-DEC-93 PASS
2183	DLA45193D8043	93-01	16-DEC-93 PASS
2184	DLA45193D8043	93-02	21-DEC-93 PASS
4436	DLA40091D0094	91-10	29-MAR-93 PASS
4438	DLA40091D0094	91-14	29-MAR-93 PASS
4439	DLA40091D0094	91-12	29-MAR-93 PASS
4440	DLA40091D0094	91-05	29-MAR-93 PASS
4441	DLA40091D0094	91-16	30-MAR-93 PASS
4442	DLA40091D0094	91-15	29-MAR-93 PASS
4443	DLA40091D0094	91-13	29-MAR-93 PASS
2484	9150000359858 DLA40090D0075	9009	05-JAN-93 PASS
11135	9150001524119 DLA40085C5209	RAB5256	01-SEP-93 PASS
895	9150001866668 DLA40091C5137	90-51	02-NOV-93 PASS
987	9150001866668 DLA40091C5137	90-53	10-NOV-93 PASS
990	9150001866668 DLA40091C5137	90-50	10-NOV-93 PASS
991	9150001866668 DLA40091C5137	90-51	16-NOV-93 PASS
994	9150001866668 DLA40090D0076	384	16-NOV-93 PASS
997	9150001866668 DLA40090C5258	89-41	04-NOV-93 PASS
1007	9150001866668 DLA40091C5123	9105570335	10-NOV-93 PASS
1753	9150001866668 DLA40091C5123	910327	29-NOV-93 PASS
2482	9150001866668 DLA40090C5256	117	05-JAN-93 SFU
2485	9150001866668 DLA40090C5258	89-39	05-JAN-93 PASS
3166	9150001866668 DLA40091D0095	P-1750	12-JAN-93 PASS
3167	9150001866668 DLA40091D0095	P-1800	12-JAN-93 PASS
3724	9150001866668 DLA40091D0095	P-1850	04-FEB-93 PASS
4768	9150001866668 DLA40091C5481	91/02	12-APR-93 PASS
4769	9150001866668 D40091C5123	9104080040	12-APR-93 PASS
4908	9150001866668 DLA40091C5481	91/02A	14-APR-93 PASS
6168	9150001866668 DLA40091D0095	CF893	14-APR-93 PASS
6169	9150001866668 DLA40091D0095	CF894	14-APR-93 PASS
6623	9150001866668 DLA40091D0095001	P-1750	29-APR-93 PASS
6624	9150001866668 DLA40090D0075000	90-07	06-MAY-93 PASS
7010	9150001866668 DLA40091D0095	P-1850	22-APR-93 PASS
8484	9150001866668 DLA40090D0076	225	09-JUN-93 SFU
8777	9150001866668 DLA40091D0095	P-1800	11-JUN-93 PASS
6101	9150001866681 DLA40091C1781	C-4858	29-APR-93 PASS
192	9150001889858 DLA40090D0075	90-27	20-OCT-93 PASS
694	9150001889858 DLA40091C5124	304	21-OCT-93 PASS
696	9150001889858 DLA40091C5124	305	21-OCT-93 PASS
1589	9150001889858 DLA40090D0075	90-30	19-NOV-93 PASS
1592	9150001889858 DLA40091C5124	304	19-NOV-93 PASS
1593	9150001889858 DLA40091C5124	313	19-NOV-93 PASS



4771	9150001889858	DLA40091C1699	511	12-APR-93	PASS
4836	9150001889858	DLA40090D0075	90-27	03-MAR-93	PASS
4837	9150001889858	DLA40090D0075	9036	04-MAR-93	PASS
5204	9150001889858	DLA40090D0075	90-36	24-MAR-93	PASS
5821	9150001889858	DLA40091C5123	912222	07-APR-93	PASS
6065	9150001889858	DLA40091C5124	310	08-APR-93	PASS
6066	9150001889858	DLA40091C5124	313	08-APR-93	PASS
6067	9150001889858	DLA40091C5124	314	08-APR-93	PASS
6069	9150001889858	DLA40091D0075	90-30	08-APR-93	PASS
6431	9150001889858	DLA40090D0075	90-36	13-APR-93	PASS
6476	9150001889858	DLA40090C5256	170	29-APR-93	PASS
6625	9150001889858	DLA40091C5123	912222	06-MAY-93	PASS
6626	9150001889858	DLA40091C5123	910234	06-MAY-93	PASS
6627	9150001889858			06-MAY-93	PASS
6638	9150001889858	DLA40090D0076	300	06-MAY-93	SFU
6640	9150001889858	DLA40091C5123	912034	06-MAY-93	PASS
7008	9150001889858	DLA40090C5256	159	22-APR-93	PASS
7582	9150001889858	D40091C5123	910234	02-JUN-93	PASS
8084	9150001889858	DLA40090D0075	90-30	08-JUN-93	PASS
8664	9150001889858	DLA40091C5124	308	08-JUN-93	PASS
8763	9150001889858	DLA40090C5256	158	14-JUN-93	PASS
8764	9150001889858	DLA40090C5256	183	14-JUN-93	PASS
8772	9150001889858	DLA40090D0076	330	11-JUN-93	PASS
8776	9150001889858	DLA40090D0075	90-33	11-JUN-93	PASS
8807	9150001889858	DLA40091C5123	912222	10-JUN-93	PASS
10073	9150001889858	DLA40091C5124	310	28-JUL-93	PASS
10074	9150001889858	DLA40091C5124	314	30-JUL-93	PASS
10075	9150001889858	DLA40091C5124	308	30-JUL-93	PASS
10356	9150001889858	DLA40090D0076	300	10-AUG-93	PASS
10902	9150001889858	DLA40091C5124	316	20-AUG-93	PASS
10903	9150001889858	DLA40090D0076	328	20-AUG-93	PASS
2489	9150001889862	DLA40090D0075	90-31	19-JAN-93	PASS
2909	9150001889862	DLA40091C5124	379	28-JAN-93	PASS
2910	9150001889862	DLA40091C5124	398	28-JAN-93	PASS
2912	9150001889862	DLA40091C5124	393	28-JAN-93	PASS
2913	9150001889862	DLA40091C5124	364	28-JAN-93	PASS
2914	9150001889862	DLA40090D0075	90-28	28-JAN-93	FAIL
2915	9150001889862	DLA40090D0075	90-31	28-JAN-93	PASS
2916	9150001889862	DLA40090D0075	90-34	28-JAN-93	PASS
3267	9150001889862	DLA40091C5124	417	25-JAN-93	PASS
3268	9150001889862	DLA40091C5124	386	25-JAN-93	PASS
3269	9150001889862	DLA40091C5124	393	25-JAN-93	PASS
3270	9150001889862	DLA40091C5124	410	25-JAN-93	PASS
3279	9150001889862	DLA40091C5124	405	27-JAN-93	PASS
3280	9150001889862	DLA40091C5124	417	27-JAN-93	PASS
3352	9150001889862	DLA40091C5124	371	03-FEB-93	PASS
3707	9150001889862	DLA40090D0075	90-31	28-JAN-93	PASS
3715	9150001889862	DLA40090D0075	90-34	01-FEB-93	PASS
3795	9150001889862	DLA40089D0111	262	09-FEB-93	PASS
4622	9150001889862	DLA40091C5124	398	23-FEB-93	PASS
5375	9150001889862	DLA40090D0076	434	17-MAR-93	PASS

6870	9150001889862	DLA40090D0075	90-31	11-MAY-93	PASS
6871	9150001889862	DLA40090C5256	290	11-MAY-93	PASS
7234	9150001889862	DLA40090D0076	442	26-APR-93	PASS
7514	9150001889862	DLA40091C5124	410	05-MAY-93	PASS
7515	9150001889862	DLA40091C5124	398	05-MAY-93	PASS
7516	9150001889862	DLA40091C5124	405	05-MAY-93	PASS
9652	9150001889862	DLA40091C5124	372	09-JUL-93	PASS
10028	9150001889862	DLA40091C5124	396	28-JUL-93	PASS
38	9150001896729	DLA40089D0111	256	07-OCT-93	PASS
1481	9150001896729	DLA40091C5123	10230	19-NOV-93	PASS
2048	9150001896729	DLA40091C5123	910409	06-DEC-93	PASS
2050	9150001896729	DLA40091C5123	10409	06-DEC-93	PASS
2238	9150001896729	DLA40089D0111	248	16-DEC-93	PASS
2239	9150001896729	DLA40089D0111	256	16-DEC-93	PASS
2421	9150001896729	DLA40091C5123	910421	15-DEC-93	PASS
2490	9150001896729	DLA40090D0075	90-43	19-JAN-93	PASS
2646	9150001896729	DLA40090D0076	483	23-DEC-93	PASS
2732	9150001896729	DLA40085D0057	4808	22-DEC-93	SFU
3264	9150001896729	DLA40090D0076	478	25-JAN-93	PASS
3265	9150001896729	DLA40090D0076	477	25-JAN-93	PASS
3266	9150001896729	DLA40090D0076	467	25-JAN-93	PASS
3271	9150001896729	DLA40090D0076	498	25-JAN-93	PASS
3277	9150001896729	DLA40090D0076	493	26-JAN-93	PASS
3278	9150001896729	DLA40090D0076	490	26-JAN-93	PASS
3286	9150001896729	DLA40090D0076	462	27-JAN-93	PASS
3348	9150001896729	DLA40091C5123	910121	03-FEB-93	PASS
3615	9150001896729	DLA40090D0076	432	04-FEB-93	PASS
3703	9150001896729	DLA40089D0111	250	28-JAN-93	PASS
3796	9150001896729	DLA40091C5123	910159	11-FEB-93	PASS
3797	9150001896729	DLA40091C5123	910326	10-FEB-93	PASS
3798	9150001896729	DLA40091C5123	910326	08-FEB-93	PASS
3990	9150001896729	DLA40089D0111	259	22-MAR-93	PASS
4290	9150001896729	DLA40091C5123	910306	19-FEB-93	PASS
4291	9150001896729	DLA40091C5123	910214	19-FEB-93	PASS
4765	9150001896729	DLA40090D0075	90-54	12-APR-93	PASS
4967	9150001896729	DLA40091C5123	10214	04-MAR-93	PASS
4968	9150001896729	DLA40091C5123	10308	03-MAR-93	PASS
4969	9150001896729	DLA40091C5123	10306	03-MAR-93	PASS
5191	9150001896729	DLA40091C5123	10230	25-MAR-93	PASS
5192	9150001896729	DLA40091C5123	910301	19-MAR-93	PASS
5194	9150001896729	DLA40091C5123	10232	17-MAR-93	PASS
5195	9150001896729	DLA40091C5123	10301	17-MAR-93	PASS
5196	9150001896729	DLA40091C5123	10306	17-MAR-93	PASS
6432	9150001896729	DLA40090D0075	90-61	13-APR-93	PASS
6433	9150001896729	DLA40090D0075	90-62	13-APR-93	PASS
6945	9150001896729	DLA40090C5256	280	17-MAY-93	PASS
6946	9150001896729	DLA40090D0075	90-61	17-MAY-93	PASS
7003	9150001896729	DLA40090D0075	90-62	22-APR-93	PASS
7005	9150001896729	DLA40091C5123	910159	22-APR-93	PASS
7171	9150001896729	DLA40091C5123	910377	17-MAY-93	PASS
7172	9150001896729	DLA40091C5123	910378	17-MAY-93	PASS

7173	9150001896729	DLA40091C5123	910271	17-MAY-93	PASS
7174	9150001896729	DLA40091C5123	910159	17-MAY-93	PASS
7243	9150001896729	DLA40090D0076	490	05-MAY-93	PASS
7341	9150001896729	DLA40091C5123	910377	17-MAY-93	PASS
7342	9150001896729	DLA40090D0075	90-62	18-MAY-93	PASS
7343	9150001896729	DLA40091C5123	910378	19-MAY-93	PASS
7541	9150001896729		4807	26-MAY-93	PASS
7575	9150001896729	DLA40090D0075	90-43	02-JUN-93	PASS
7701	9150001896729	DLA40090D0075	90-61	02-JUN-93	PASS
7709	9150001896729	DLA40091C5123	910377	02-JUN-93	PASS
9241	9150001896729	DLA40090D0075	90-09	01-JUL-93	PASS
11106	9150001896729	DLA40091C5123	910308	24-AUG-93	PASS
11107	9150001896729	DLA40091C5123	910262	24-AUG-93	PASS
11108	9150001896729	DLA40091C5123	910378	24-AUG-93	PASS
11109	9150001896729	DLA40090D0075	90-57	31-AUG-93	PASS
11110	9150001896729	DLA40091C5123	910159	24-AUG-93	PASS
11111	9150001896729	DLA40091C5123	910232	24-AUG-93	PASS
11112	9150001896729	DLA40090D0075	90-54	24-AUG-93	PASS
11126	9150001896729	DLA40091C5123	910308	31-AUG-93	PASS
11127	9150001896729	DLA40091C5123	910214	31-AUG-93	PASS
11128	9150001896729	DLA40091C5123	910232	31-AUG-93	PASS
11129	9150001896729	DLA40090D0076	301	31-AUG-93	SFU
11130	9150001896729	DLA40091C5123	910230	31-AUG-93	PASS
11131	9150001896729	DLA40091C5123	910262	31-AUG-93	PASS
11132	9150001896729	DLA40091C5123	910306	01-SEP-93	PASS
11190	9150001896729	DLA40089D0111	264	26-AUG-93	PASS
11191	9150001896729	DLA40091C5133	910214	26-AUG-93	PASS
11485	9150001896729	DLA40091C5123	910230	02-SEP-93	PASS
12139	9150001896729	DLA40089D0111	248	27-SEP-93	PASS
12140	9150001896729	DLA40089D0111	253	27-SEP-93	PASS
12141	9150001896729	DLA40089D0111	254	27-SEP-93	PASS
12143	9150001896729	DLA40090C5256	271	27-SEP-93	PASS
12144	9150001896729	DLA40090C5256	280	27-SEP-93	PASS
3281	9150001899862	DLA40090D0076	442	27-JAN-93	PASS
3282	9150001899862	DLA40090D0076	434	27-JAN-93	PASS
3283	9150001899862	DLA40091C5124	398	27-JAN-93	PASS
2422	9150001912772	DLA40091C5123	910522	15-DEC-93	PASS
3349	9150001912772	DLA40090D0076	340	03-FEB-93	PASS
3794	9150001912772	DLA40090D0076	339	08-FEB-93	PASS
6429	9150001912772	DLA40090D0076	339	13-APR-93	PASS
6430	9150001912772	DLA40090D0076	340	13-APR-93	PASS
6611	9150001912772	DLA40089D0111	179	15-APR-93	PASS
7006	9150001912772	DLA40090C5258	89-24	22-APR-93	PASS
7007	9150001912772	DLA40090D0076	339	22-APR-93	PASS
7009	9150001912772	DLA40090D0076	340	22-APR-93	PASS
7344	9150001912772	DLA40091C5156	357	19-MAY-93	PASS
8161	9150001912772	DLA40091C5123	910305	28-MAY-93	PASS
8521	9150001912772	DLA40090D0076	319	08-JUN-93	PASS
11056	9150001912772	DLA40090C5258	89-24	24-AUG-93	PASS
11133	9150001912772	DLA40090D0076	319	01-SEP-93	PASS
11134	9150001912772	DLA40091C5123	910215	01-SEP-93	PASS

11184	9150001912772	DLA40090D0075	90-29	27-AUG-93	PASS
11335	9150001912772	DLA40089D0111	033	27-AUG-93	PASS
11336	9150001912772	DLA40089D0111	021	27-AUG-93	PASS
11337	9150001912772	DLA40089D0111	034	27-AUG-93	PASS
1002	9150011524118	DLA40091C5123	9101900741	04-NOV-93	PASS
1003	9150011524118	DLA40091C5123	9103950903	10-NOV-93	PASS
1021	9150011524118	DLA40091C5123	910372	23-NOV-93	PASS
1023	9150011524118	DLA40091C5123	910235	16-NOV-93	PASS
2496	9150011524118	DLA40091D0088	080192	12-JAN-93	PASS
2497	9150011524118	DLA40091D0088	210192	12-JAN-93	PASS
2504	9150011524118	DLA40091D0088	040292	12-JAN-93	PASS
4426	9150011524118	DLA40091D0096	920149661	26-FEB-93	PASS
4427	9150011524118	DLA40091D0096	920119660	26-FEB-93	PASS
4428	9150011524118	DLA40091D0096	920179662	26-FEB-93	PASS
4463	9150011524118	DLA40091D0096	920439725	26-FEB-93	PASS
4766	9150011524118	DLA40090C5256	227	12-APR-93	PASS
4767	9150011524118	DLA40091C5123	910350	12-APR-93	PASS
5820	9150011524118	DLA40090D0075	90-40	13-APR-93	PASS
6639	9150011524118	DLA40091C5123	918880	06-MAY-93	PASS
8015	9150011524118	DLA40091C5123	910190	08-JUN-93	PASS
10904	9150011524118	DLA40091C5123	910235	20-AUG-93	PASS
359	9150011524119	DLA40090C5256	294	20-OCT-93	PASS
814	9150011524119	DLA40091D0088	M2176E	27-OCT-93	PASS
2039	9150011524119	DLA40089C5009	010	06-DEC-93	PASS
10720	9150011524119	DLA40091C5123	910597	11-AUG-93	PASS
10778	9150011524119	DLA40091C5123	910235	24-AUG-93	PASS
10779	9150011524119	DLA40091C5123	918880	24-AUG-93	PASS
10994	9150011524119	DLA40090D0075	90-48	19-AUG-93	PASS
11185	9150011524119	DLA40090D0075	90-49	27-AUG-93	PASS
11186	9150011524119	DLA40090D0075	90-48	27-AUG-93	PASS
11187	9150011524119	DLA40089D0111	122	27-AUG-93	PASS
11188	9150011524119	DLA40091C5123	918	26-AUG-93	PASS
11189	9150011524119	DLA40091C5123	910395	26-AUG-93	PASS
12151	9150011524119	DLA40091D0088	M2170H	24-SEP-93	PASS
12320	9150011524119	DLA40087D0062	882458	06-OCT-93	PASS
692	9150011773988	DLA40089C5093	9132-02	21-OCT-93	PASS
9170	9150011773988	DLA40089C5093	9138-01	23-JUN-93	PASS
10371	9150011773988	DLA40090C5309	0184-01	28-JUL-93	PASS
2240	9150011784725	DLA40091C5097	1045-01	16-DEC-93	PASS
2985	9150011784725	DLA40091C5097	1031-01	19-JAN-93	PASS
2986	9150011784725	DLA40091C5097	1037-01	20-JAN-93	PASS
3234	9150011784725	DLA40090C5054	0026-01	19-JAN-93	PASS
3235	9150011784725	DLA40090C5054	0058-01	19-JAN-93	PASS
3236	9150011784725	DLA40090C5054	0046-01	20-JAN-93	PASS
3237	9150011784725	DLA40090C5054	0037-01	19-JAN-93	PASS
3238	9150011784725	DLA40090C5054	15	19-JAN-93	PASS
3346	9150011784725	DLA40091C5097	1033-01	03-FEB-93	PASS
4005	9150011784725	DLA40091C5097	1011-01	17-FEB-93	PASS
4773	9150011784725	DLA40091C5097	1033-01	12-APR-93	PASS
4991	9150011784725	DLA40091C5097	1024-01	14-APR-93	PASS
6343	9150011784725	D40091C5097	1011-01	29-APR-93	PASS

6400	9150011784725	DLA40091C5097	LN1058-01	29-APR-93	PASS
6643	9150011784725	DLA40091C5097	1058-01	06-MAY-93	PASS
7535	9150011784725	DLA40091C5097	LN1053-01	02-JUN-93	PASS
10547	9150011784725	DLA40090C5054	0124-01	16-AUG-93	PASS
887	9150011784726	DLA40087C5508	LN0509-01	03-NOV-93	PASS
1482	9150011784726	DLA40091C5294	1098-01	19-NOV-93	PASS
1484	9150011784726	DLA40091C5294	1098-01	19-NOV-93	PASS
4510	9150011784726	DLA40087C5508	1011-01	26-FEB-93	PASS
7350	9150011784726	DLA40091C5294	1116-01	12-MAY-93	PASS
11254	9150011784726	DLA40091C5294	1098-01	27-AUG-93	PASS
10283	9150012309750	DLA40091D0024	0266012	10-AUG-93	PASS

MIL-L-2105C	6212	9150010355393	DLA40091D0064	549	28-APR-93	PASS
	12453	9150010355393	DLA40085C0988	141	20-OCT-93	FAIL
	2563	9150010355394	DLA60079D1003	4257	05-JAN-93	PASS
	7948	9150010355394	DLA60083C1066	387	02-JUN-93	PASS
	10281	9150010355394	DLA60083C1066	387	16-AUG-93	PASS
	11183	9150010355394	DLA60081C1060	8492	09-SEP-93	PASS
	7544	9150010355395	DLA60081C1251	PA15007	02-JUN-93	FAIL
	3159	9150010355396	DLA40086C0265	5301	19-JAN-93	PASS
	7543	9150010355396	DLA40086C0265	5301	02-JUN-93	PASS

MIL-L-2105D	9436		DLA45193M9429	C030593	06-JUL-93	PASS
	9505	9150001818232	DLA45192D8019	2160MP3	23-JUL-93	PASS
	6218	9150010355391	DLA40091M9067	728	16-APR-93	PASS
	11349	9150010355391		UNK	09-SEP-93	FAIL
	1686	9150010355392	DLA40089C0821	82289C	24-NOV-93	PASS
	7352	9150010355392		5-601-89	19-MAY-93	PASS
	10633	9150010355392	DLA40089C0821	82289C	05-AUG-93	PASS
	11156	9150010355392	DLA40088MU661	103215	09-SEP-93	PASS
	11157	9150010355392	DLA40089C0821	82289C	03-SEP-93	PASS
	892	9150010355393	DLA40091D0012	A171F38	02-NOV-93	PASS
	893	9150010355393	DLA40091D0012	80W90	02-NOV-93	PASS
	985	9150010355393	DLA40091D0062	OLA109045	10-NOV-93	FAIL
	1010	9150010355393	DLA40091D0062	B801005	16-NOV-93	PASS
	1012	9150010355393	DLA40091D0062	OLA108238	24-NOV-93	PASS
	1013	9150010355393	DLA40091D0062	OLA109046	24-NOV-93	PASS
	1596	9150010355393	DLA40091D0012	05-58	18-NOV-93	FAIL
	1687	9150010355393	DLA40091D0062	B801002	23-NOV-93	PASS
	1688	9150010355393	DLA40091D0062	B801003	23-NOV-93	PASS
	1689	9150010355393	DLA40091D0062	B801001	23-NOV-93	PASS
	2053	9150010355393	DLA40091D0012	4-28	06-DEC-93	PASS
	2483	9150010355393	DLA4009070001	3865090	05-JAN-93	FAIL
	3290	9150010355393	DLA40091D0062	B801006	27-JAN-93	PASS
	3992	9150010355393	DLA40090D0047	3412080	22-MAR-93	FAIL
	4230	9150010355393	DLA40091D0063	OLA110201	18-FEB-93	FAIL
	4911	9150010355393	DLA40091D0062	OLA110198	13-APR-93	PASS
	4913	9150010355393	DLA40091D0062	OLA110199	13-APR-93	PASS
	4914	9150010355393	DLA40091D0062	OLA110200	14-APR-93	PASS

4917	9150010355393	DLA40091D0062	OLA110201	14-APR-93	PASS
5516	9150010355393	DLA40090D0047	4920110	24-MAR-93	FAIL
5517	9150010355393	DLA40090D0047	5245110	24-MAR-93	FAIL
5518	9150010355393	DLA40090D0047	4450100	24-MAR-93	FAIL
5815	9150010355393	DLA40091D0064	543	25-MAR-93	PASS
7734	9150010355393	DLA40091D0064	540	27-MAY-93	PASS
8778	9150010355393	DLA40091D0012	10-170	11-JUN-93	PASS
10078	9150010355393	DLA40091D0062	B201002	29-JUL-93	PASS
10079	9150010355393	DLA40091D0064	551	29-JUL-93	PASS
10080	9150010355393	DLA40091D0062	B801007	29-JUL-93	PASS
10081	9150010355393	DLA40091D0064	552	29-JUL-93	PASS
890	9150010355394	DLA40090D0046	408	03-NOV-93	PASS
891	9150010355394	DLA40091D0012	78	03-NOV-93	PASS
1685	9150010355394	DLA40090D0047	3569080	24-NOV-93	PASS
3160	9150010355394	DLA40090D0047	3569080	19-JAN-93	FAIL
3701	9150010355394	DLA40088D0116	850	01-FEB-93	FAIL
3711	9150010355394	DLA40091D0064	516	28-JAN-93	PASS
3712	9150010355394	DLA40091D0064	520	01-FEB-93	PASS
3714	9150010355394	DLA40091D0012	78	01-FEB-93	PASS
4196	9150010355394	DLA40091D0012	38	17-FEB-93	PASS
4197	9150010355394	DLA40091D0012	146	17-FEB-93	PASS
4198	9150010355394	DLA40091D0012	3376091	17-FEB-93	PASS
4199	9150010355394	DLA40091D0012	173	17-FEB-93	FAIL
4200	9150010355394	DLA40091D0012	160	17-FEB-93	PASS
4201	9150010355394	DLA40091D0012	59	17-FEB-93	FAIL
4202	9150010355394	DLA40091D0012	108	17-FEB-93	FAIL
5948	9150010355394	DLA40091D0064	537	06-APR-93	PASS
5949	9150010355394	DLA40091D0064	525	06-APR-93	PASS
5950	9150010355394	DLA40091D0064	536	06-APR-93	PASS
5999	9150010355394	DLA40091D0063	3867101	20-APR-93	SFU
7708	9150010355394	DLA45192D0046	931093206	02-JUN-93	PASS
8248	9150010355394	DLA40091D0012	38	07-JUN-93	PASS
8249	9150010355394	DLA60091D0063	0100012	10-JUN-93	PASS
10030	9150010355394	DLA40090D0047	3569080	22-JUL-93	PASS
11139	9150010355394	DLA40090D0047	3569080	01-SEP-93	PASS
11851	9150010355394	DLA40090D0047	3569 080	15-SEP-93	PASS
1901	9150010355395	DLA40091C1290	913369468	16-DEC-93	PASS
2197	9150010355395	DLA40091C5581	528	09-DEC-93	PASS
7545	9150010355395	DLA40090C0655	136	02-JUN-93	PASS
4426	9150011524118	DLA40091D0096	920149661	26-FEB-93	PASS
4427	9150011524118	DLA40091D0096	920119660	26-FEB-93	PASS
4428	9150011524118	DLA40091D0096	920179662	26-FEB-93	PASS
4463	9150011524118	DLA40091D0096	920439725	26-FEB-93	PASS
4766	9150011524118	DLA40090C5256	227	12-APR-93	PASS
4767	9150011524118	DLA40091C5123	910350	12-APR-93	PASS
5820	9150011524118	DLA40090D0075	90-40	13-APR-93	PASS
6639	9150011524118	DLA40091C5123	918880	06-MAY-93	PASS
8015	9150011524118	DLA40091C5123	910190	08-JUN-93	PASS
10904	9150011524118	DLA40091C5123	910235	20-AUG-93	PASS
359	9150011524119	DLA40090C5256	294	20-OCT-93	PASS
814	9150011524119	DLA40091D0088	M2176E	27-OCT-93	PASS



2639	9150011524119	DLA40089C5009	010	06-DEC-93	PASS
10720	9150011524119	DLA40091C5123	910597	11-AUG-93	PASS
10778	9150011524119	DLA40091C5123	910235	24-AUG-93	PASS
10779	9150011524119	DLA40091C5123	918880	24-AUG-93	PASS
10994	9150011524119	DLA40090D0075	90-48	19-AUG-93	PASS
11185	9150011524119	DLA40090D0075	90-49	27-AUG-93	PASS
11186	9150011524119	DLA40090D0075	90-48	27-AUG-93	PASS
11187	9150011524119	DLA40089D0111	122	27-AUG-93	PASS
11188	9150011524119	DLA40091C5123	918	26-AUG-93	PASS
11189	9150011524119	DLA40091C5123	910395	26-AUG-93	PASS
12151	9150011524119	DLA40091D0088	M2170H	24-SEP-93	PASS
12320	9150011524119	DLA40087D0062	882458	06-OCT-93	PASS
692	9150011773988	DLA40089C5093	9132-02	21-OCT-93	PASS
9170	9150011773988	DLA40089C5093	9138-01	23-JUN-93	PASS
10371	9150011773988	DLA40090C5309	0184-01	28-JUL-93	PASS
2240	9150011784725	DLA40091C5097	1045-01	16-DEC-93	PASS
2985	9150011784725	DLA40091C5097	1031-01	19-JAN-93	PASS
2986	9150011784725	DLA40091C5097	1037-01	20-JAN-93	PASS
3234	9150011784725	DLA40090C5054	0026-01	19-JAN-93	PASS
3235	9150011784725	DLA40090C5054	0058-01	19-JAN-93	PASS
3236	9150011784725	DLA40090C5054	0046-01	20-JAN-93	PASS
3237	9150011784725	DLA40090C5054	0037-01	19-JAN-93	PASS
3238	9150011784725	DLA40090C5054	15	19-JAN-93	PASS
3346	9150011784725	DLA40091C5097	1033-01	03-FEB-93	PASS
4005	9150011784725	DLA40091C5097	1011-01	17-FEB-93	PASS
4773	9150011784725	DLA40091C5097	1033-01	12-APR-93	PASS
4991	9150011784725	DLA40091C5097	1024-01	14-APR-93	PASS
6343	9150011784725	D40091C5097	1011-01	29-APR-93	PASS
6400	9150011784725	DLA40091C5097	LN1058-01	29-APR-93	PASS
6643	9150011784725	DLA40091C5097	1058-01	06-MAY-93	PASS
7535	9150011784725	DLA40091C5097	LN1053-01	02-JUN-93	PASS
10547	9150011784725	DLA40090C5054	0124-01	16-AUG-93	PASS
887	9150011784726	DLA40087C5508	LN0509-01	03-NOV-93	PASS
1482	9150011784726	DLA40091C5294	1098-01	19-NOV-93	PASS
1484	9150011784726	DLA40091C5294	1098-01	19-NOV-93	PASS
4510	9150011784726	DLA40087C5508	1011-01	26-FEB-93	PASS
7350	9150011784726	DLA40091C5294	1116-01	12-MAY-93	PASS
11254	9150011784726	DLA40091C5294	1098-01	27-AUG-93	PASS
10283	9150012309750	DLA40091D0024	0266012	10-AUG-93	PASS

MIL-L-2105C	6212	9150010355393	DLA40091D0064	549	28-APR-93	PASS
	12453	9150010355393	DLA40085C0988	141	20-OCT-93	FAIL
	2563	9150010355394	DLA60079D1003	4257	05-JAN-93	PASS
	7948	9150010355394	DLA60083C1066	387	02-JUN-93	PASS
	10281	9150010355394	DLA60083C1066	387	16-AUG-93	PASS
	11183	9150010355394	DLA60081C1060	8492	09-SEP-93	PASS
	7544	9150010355395	DLA60081C1251	PA15007	02-JUN-93	FAIL
	3159	9150010355396	DLA40086C0265	5301	19-JAN-93	PASS
	7543	9150010355396	DLA40086C0265	5301	02-JUN-93	PASS

MIL-L-2105D	9436	DLA45193M9429	C030593	06-JUL-93	PASS
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VV-G-671E	2348 9150001900918 DLA40087MB909	1	06-JAN-93 PASS
	2118 9150002727652 DLA40089MA028	02	13-DEC-93 PASS
VV-L-B00A	9177 9150002316689 DLA60082C1136	C-4148	06-JUL-93 PASS
VV-L-B00C	1583 9150002316689 DLA40092C5094	C-4879	29-NOV-93 PASS
	2824 9150002316689 DLA40090MAE77	C-4815	20-JAN-93 PASS
	3143 9150002316689 DLA40084CF042	31984W	20-JAN-93 PASS
	1818 9150002732389 DLA40090C0530	716	08-JAN-93 PASS
	2519 9150002812060 DLA40086C5074	F-18361-E	22-DEC-93 PASS
	2521 9150002812060 DLA40086C5074	F-18361-D	22-DEC-93 PASS
	6944 9150002812060 DLA40087C2167	F-19057	17-MAY-93 PASS
	3614 9150004580075 DLA40091C5172	91591UK	16-FEB-93 PASS
	12317 9150004580075 DLA40084CF030	031084W	05-OCT-93 FAIL
	12318 9150004580075 DLA40086C5073	6188	07-OCT-93 FAIL
	5197 9150008368641 DLA40090C1909	724	30-MAR-93 PASS

694 records selected.

UFI) exit



Specification : MIL-L-2104

00-186-6668	400-84-D-0077	115	00/00	Failed, condemned,	1989
00-186-6668	400-89-D-0111	260	00/00	Updated,	02/95
00-186-6668	400-89-D-0111	263	00/00	Updated,	12/94
00-186-6668	400-90-C-5258	8921	05/90	Updated,	05/94
00-186-6668	400-90-C-5258	8922	05/90	Updated,	05/94
00-186-6668	400-90-C-5258	8924	05/90	Updated,	04/94
00-186-6668	400-90-C-5258	8939	08/90	Updated,	07/94
00-186-6668	400-90-C-5258	8940	08/90	Updated,	07/94
00-186-6668	400-90-D-0075	9007	00/00	Updated,	11/94
00-186-6668	400-90-D-0075	9008	10/90	Updated,	12/94
00-186-6668	400-90-D-0075	9010	00/00	Updated,	09/94
00-186-6668	400-90-D-0075	9041	01/91	Updated,	03/95
00-186-6668	400-90-D-0076	216	00/00	Updated,	01/95
00-186-6668	400-90-D-0076	357	02/91	Updated,	02/95
00-186-6668	400-91-C-5123	910229	00/00	Updated,	02/95
00-186-6668	400-91-C-5123	910408	03/91	Updated,	03/95
00-186-6668	400-91-C-5123	910522	03/91	Updated,	01/95
00-186-6668	600-79-C-1049	275	05/79	Updated,	07/94
00-186-6668	600-83-D-1183	665	11/85	Updated,	12/93
00-186-6668	600-83-D-1183	673	00/00	Updated,	03/94
00-186-6668	600-83-D-1183	755	02/84	Failed, condemned,	1992
00-186-6681	400-84-C-F141	4022	11/84	Updated,	03/94
00-186-6681	400-86-C-5441	C4444A	08/86	Updated,	04/94
00-186-6681	400-90-C-0046	C4768	02/90	Updated,	12/93
00-186-6681	400-90-C-1391	C4800	08/90	Updated,	12/93
00-186-6681	600-77-C-0692	2102	05/77	Updated,	06/94
00-186-6681	600-77-C-0693	86	02/77	Updated,	06/94
00-186-6681	600-77-C-1138	2517	08/77	Failed, condemned,	1992
00-186-6681	600-79-C-0810	5718	05/79	Updated,	06/94
00-186-6681	600-79-C-1512	211	11/79	Updated,	06/94
00-186-6681	600-79-C-1512	242	11/79	Updated,	06/94
00-186-6681	600-82-C-1357	2767	11/82	Updated,	02/94
00-186-6729	400-91-C-5123	910308	00/00	Updated,	04/95
00-188-6681	400-86-C-5441	C4444B	11/86	Updated,	04/95
00-188-9858	400-84-D-0077	011	00/00	Failed, condemned,	1989
00-188-9858	400-84-D-0077	100	11/81	Failed, condemned,	1989
00-188-9858	400-84-D-0077	324	08/85	Failed, condemned,	1987
00-188-9858	400-86-D-0082	268	00/00	Failed, condemned,	1990
00-188-9858	400-89-D-0111	078	05/90	Updated,	12/94
00-188-9858	400-89-D-0111	186	08/90	Updated,	10/94
00-188-9858	400-90-C-5136	8913	02/90	Updated,	09/94
00-188-9858	400-90-C-5136	8915	02/90	Updated,	02/94
00-188-9858	400-90-C-5136	8916	02/90	Updated,	02/94
00-188-9858	400-90-C-5185	080	00/00	Updated,	05/94
00-188-9858	400-90-C-5185	084	00/00	Updated,	05/94
00-188-9858	400-90-C-5185	086	00/00	Updated,	05/94
00-188-9858	400-90-C-5185	089	05/90	Updated,	05/94
00-188-9858	400-90-C-5185	92	00/00	Updated,	02/95
00-188-9858	400-90-C-5256	159	08/90	Updated,	08/94
00-188-9858	400-90-C-5256	170	08/90	Updated,	11/94
00-188-9858	400-90-C-5256	176	08/90	Updated,	09/94

00-188-9858	400-90-C-5256	177	08/92	Updated, 09/94	
00-188-9858	400-90-C-5257	5257A	00/00	Updated, 05/94	
00-188-9858	400-90-C-5257	5257B	06/90	Updated, 06/94	
00-188-9858	400-90-D-0075	9027	01/91	Failed, condemned,	1993
00-188-9858	400-90-D-0075	9030	01/91	Updated, 03/95	
00-188-9858	400-90-D-0075	9036	01/91	Updated, 02/95	
00-188-9858	400-91-C-5123	910216	02/91	Updated, 03/95	
00-188-9858	400-91-C-5123	910234	02/91	Updated, 03/95	
00-188-9858	400-91-C-5124	308	02/91	Updated, 04/95	
00-188-9858	400-91-C-5124	313	02/91	Updated, 04/95	
00-188-9858	400-91-C-5124	314	00/00	Updated, 02/95	
00-188-9858	400-91-C-5124	321	00/00	Updated, 01/95	
00-188-9858	400-91-C-5124	328	02/91	Updated, 01/95	
00-188-9858	600-81-D-1403	9701	00/00	Failed, condemned,	1987
00-188-9858	600-82-D-1368	565	08/85	Failed, condemned,	1989
00-188-9858	600-83-D-1183	768	02/84	Failed, condemned,	1988
00-188-9862	400-84-D-0075	1375	02/85	Updated, 06/94	
00-188-9862	400-85-D-0079	3864	11/85	Updated, 06/94	
00-188-9862	400-85-D-0082	495	02/86	Updated, 08/93	
00-188-9862	400-88-D-0106	17	00/00	Updated, 07/93	
00-188-9862	400-89-D-0111	209	11/90	Updated, 02/95	
00-188-9862	400-89-D-0111	262	11/90	Updated, 11/94	
00-188-9862	400-89-D-0111	266	11/90	Updated, 10/94	
00-188-9862	400-89-D-0111	273	00/00	Updated, 11/94	
00-188-9862	400-89-D-0111	9214	00/00	Updated, 11/94	
00-188-9862	400-89-D-0111	971	00/00	Updated, 11/93	
00-188-9862	400-90-C-5256	276	11/90	Updated, 11/93	
00-188-9862	400-90-C-5258	8925	00/00	Updated, 06/94	
00-188-9862	400-90-C-5258	8926	05/90	Updated, 04/94	
00-188-9862	400-90-D-0075	9028	11/90	Updated, 12/94	
00-188-9862	400-90-D-0075	9031	01/91	Updated, 01/95	
00-188-9862	400-90-D-0076	291	02/91	Updated, 01/95	
00-188-9862	400-91-C-5124	371	02/91	Updated, 02/95	
00-188-9862	600-82-D-1368	410	00/00	Failed, condemned,	1986
00-188-9865	600-79-C-0781	4994	05/79	Failed, condemned,	1986
00-188-9867	400-88-C-2093	810	11/88	Updated, 07/93	
00-188-9867	400-89-C-0199	840	11/88	Updated, 04/94	
00-188-9867	600-82-D-1362	T2121	00/00	Updated, 08/94	
00-189-6727	400-85-C-5211	C4368A	05/85	Updated, 02/95	
00-189-6727	400-85-C-5211	C4368B	05/85	Updated, 08/94	
00-189-6727	400-85-C-5211	C4368C	05/87	Updated, 03/95	
00-189-6727	400-87-C-H674	C4517	00/00	Failed, condemned,	1989
00-189-6727	600-83-C-1389	C200	00/00	Updated, 04/94	
00-189-6729	400-84-D-0077	223	00/00	Failed, condemned,	1989
00-189-6729	400-84-D-0077	999	11/84	Updated, 06/94	
00-189-6729	400-85-D-0057	4768	05/85	Failed, condemned,	1987
00-189-6729	400-85-D-0057	4807	08/85	Updated, 11/93	
00-189-6729	400-85-D-0082	578	06/86	Updated, 04/95	
00-189-6729	400-86-C-5251	83096	11/86	Updated, 07/93	
00-189-6729	400-86-D-0078	64	12/86	Updated, 10/93	
00-189-6729	400-86-D-0080	871585	08/87	Failed, condemned,	1992
00-189-6729	400-89-C-1044	317	00/00	Updated, 01/94	

00-189-6729	400-89-D-0111	112	00/00	Updated, 08/94
00-189-6729	400-89-D-0111	131	05/90	Updated, 08/94
00-189-6729	400-89-D-0111	144	08/90	Updated, 11/94
00-189-6729	400-89-D-0111	146	08/90	Updated, 09/94
00-189-6729	400-89-D-0111	192	08/90	Updated, 07/94
00-189-6729	400-89-D-0111	197	08/90	Updated, 04/95
00-189-6729	400-89-D-0111	205	08/90	Updated, 03/95
00-189-6729	400-89-D-0111	208	08/90	Updated, 08/94
00-189-6729	400-89-D-0111	210	08/90	Updated, 07/94
00-189-6729	400-89-D-0111	244	00/00	Updated, 03/95
00-189-6729	400-89-D-0111	250	11/90	Updated, 03/95
00-189-6729	400-89-D-0111	253	11/90	Updated, 12/94
00-189-6729	400-89-D-0111	254	11/90	Updated, 12/94
00-189-6729	400-89-D-0111	259	00/00	Updated, 12/94
00-189-6729	400-89-D-0111	261	11/90	Updated, 08/94
00-189-6729	400-90-C-5256	268	11/90	Updated, 12/94
00-189-6729	400-90-C-5256	271	00/00	Updated, 12/94
00-189-6729	400-90-C-5256	280	00/00	Updated, 03/95
00-189-6729	400-90-C-5258	8927	00/00	Updated, 03/94
00-189-6729	400-90-C-5258	8942	07/90	Updated, 07/94
00-189-6729	400-90-C-5258	8943	07/90	Updated, 07/94
00-189-6729	400-90-C-5258	8944	07/90	Updated, 07/94
00-189-6729	400-90-D-0075	9043	01/91	Updated, 01/95
00-189-6729	400-90-D-0075	9054	02/91	Failed but updated, 02/95
00-189-6729	400-90-D-0075	9055	02/91	Updated, 05/95
00-189-6729	400-90-D-0075	9057	00/00	Updated, 04/95
00-189-6729	400-90-D-0075	9058	03/91	Updated, 03/95
00-189-6729	400-90-D-0075	9062	00/00	Updated, 01/95
00-189-6729	400-91-C-5123	910121	00/00	Updated, 04/95
00-189-6729	400-91-C-5123	910270	02/91	Updated, 01/95
00-189-6729	400-91-C-5123	910306	02/91	Updated, 02/95
00-189-6729	400-91-C-5123	910326	00/00	Updated, 01/95
00-189-6729	400-91-C-5123	910377	00/00	Updated, 05/95
00-189-6729	400-91-C-5123	910378	02/91	Updated, 12/94
00-189-6729	600-79-C-0964	230	05/79	Updated, 06/94
00-189-6729	600-79-C-1044	369	08/79	Updated, 05/94
00-189-6729	600-79-C-1044	370	00/00	Updated, 01/94
00-189-6729	600-79-C-1044	372	08/79	Updated, 05/94
00-189-6729	600-81-C-0611	2889	05/81	Updated, 05/94
00-189-6729	600-83-C-1389	D200	00/00	Updated, 04/94
00-189-6729	600-83-D-1188	829	00/00	Failed, condemned, 1991
00-189-6729	600-84-D-0715	846	05/84	Failed, condemned, 1988
00-191-2772	400-84-D-0077	153	00/00	Failed, condemned, 1987
00-191-2772	400-84-D-0077	219	05/85	Failed, condemned, 1988
00-191-2772	400-84-D-0077	225	00/00	Failed, condemned, 1988
00-191-2772	400-84-D-0077	228	05/85	Failed, condemned, 1988
00-191-2772	400-85-D-0082	469	02/86	Failed, condemned, 1989
00-191-2772	400-85-D-0082	513	02/86	Failed, condemned, 1988
00-191-2772	400-85-D-0082	542	05/86	Updated, 03/94
00-191-2772	400-85-D-0082	561	05/86	Updated, 02/94
00-191-2772	400-86-D-0080	15847	05/87	Updated, 06/93
00-191-2772	400-86-D-0080	871568	07/87	Failed, condemned, 1989

00-191-2772	400-86-D-0080	871584	08/87	Failed, condemned,	1989
00-191-2772	400-86-D-0081	679	02/87	Failed, condemned,	1990
00-191-2772	400-87-C-5021	1	00/00	Updated,	07/94
00-191-2772	400-87-C-5021	2	03/87	Updated,	10/94
00-191-2772	400-87-C-5021	4	00/00	Updated,	05/95
00-191-2772	400-89-D-0111	01	02/90	Updated,	12/94
00-191-2772	400-89-D-0111	010	02/90	Updated,	12/94
00-191-2772	400-89-D-0111	039	02/90	Updated,	06/94
00-191-2772	400-89-D-0111	075	05/90	Updated,	05/94
00-191-2772	400-89-D-0111	105	05/90	Updated,	06/94
00-191-2772	400-89-D-0111	110	05/90	Updated,	05/94
00-191-2772	400-89-D-0111	121	00/00	Updated,	08/94
00-191-2772	400-89-D-0111	126	00/00	Updated,	01/95
00-191-2772	400-89-D-0111	135	08/89	Updated,	06/94
00-191-2772	400-89-D-0111	143	08/90	Updated,	08/94
00-191-2772	400-89-D-0111	154	08/89	Updated,	07/94
00-191-2772	400-89-D-0111	171	08/89	Updated,	01/95
00-191-2772	400-89-D-0111	174	08/90	Updated,	08/94
00-191-2772	400-89-D-0111	181	00/00	Updated,	11/94
00-191-2772	400-89-D-0111	267	11/90	Updated,	12/94
00-191-2772	400-89-D-0111	986	00/00	Updated,	07/93
00-191-2772	400-90-C-5258	8919	04/90	Updated,	10/94
00-191-2772	400-90-C-5258	8920	04/90	Updated,	05/94
00-191-2772	400-90-D-0075	9005	10/90	Updated,	12/94
00-191-2772	400-90-D-0075	9008	10/90	Updated,	12/94
00-191-2772	400-90-D-0075	9014	10/90	Updated,	11/94
00-191-2772	400-90-D-0075	9029	12/90	Updated,	03/95
00-191-2772	400-90-D-0075	9032	00/00	Updated,	12/94
00-191-2772	400-90-D-0076	319	02/91	Failed but updated,	02/95
00-191-2772	400-90-D-0076	339	02/91	Updated,	02/95
00-191-2772	400-91-C-5123	415	02/91	Updated,	12/94
00-191-2772	400-91-C-5123	910209	00/00	Updated,	02/95
00-191-2772	400-91-C-5123	910244	02/91	Updated,	02/95
00-191-2772	400-91-C-5123	910262	00/00	Updated,	04/95
00-191-2772	400-91-C-5123	910302	00/00	Updated,	05/95
00-191-2772	400-91-C-5123	910327	00/00	Updated,	02/95
00-191-2772	400-91-C-5123	910522	00/00	Updated,	02/95
00-191-2772	400-91-D-0095	CP140	02/91	Updated,	04/95
00-191-2772	400-91-D-0095	P2100	02/92	Updated,	08/94
00-191-2772	600-79-D-1400	GRF1	00/00	Failed, condemned	
00-191-2772	600-80-D-1131	HRU1	00/00	Failed, condemned	
00-191-2772	600-81-D-1406	HLD1	00/00	Failed, condemned	
00-191-2772	600-83-D-1183	686	11/83	Failed, condemned,	1989
00-191-2772	600-83-D-1183	788	05/84	Failed, condemned,	1988
01-100-4612	400-84-C-F141	4023	05/85	Failed, condemned,	1987
01-100-4612	600-82-C-1357	2490	02/82	Failed, condemned,	1987
01-152-4117	400-84-C-F054	C4295	00/00	Updated,	12/94
01-152-4117	400-85-C-F012	C4345C	00/00	Updated,	05/93
01-152-4117	400-86-C-2840	C4459	00/00	Updated,	12/94
01-152-4117	400-87-C-5121	C4492	02/87	Failed, condemned,	1989
01-152-4117	400-90-C-1363	C4799	08/90	Updated,	12/94
01-152-4118	400-84-C-F100	962	11/84	Updated,	05/93

01-152-4118	400-85-C-F012	C4344	00/00	Updated, 07/93	
01-152-4118	400-85-C-F012	C4344A	11/84	Updated, 05/93	
01-152-4118	400-85-C-F102	C4344B	00/00	Updated, 05/93	
01-152-4118	400-85-C-F102	C4344C	11/84	Updated, 05/93	
01-152-4118	400-90-C-5256	226	00/00	Updated, 12/94	
01-152-4118	400-90-D-0075	9011	10/90	Updated, 10/94	
01-152-4118	400-90-D-0075	9012	00/00	Updated, 10/94	
01-152-4118	400-90-D-0076	235	11/90	Updated, 03/95	
01-152-4118	400-90-D-0076	240	00/00	Updated, 10/94	
01-152-4118	400-90-D-0076	335	02/91	Updated, 02/95	
01-152-4118	400-91-C-5123	910235	02/91	Updated, 02/95	
01-152-4118	400-91-C-5123	910350	02/91	Updated, 03/95	
01-152-4118	400-91-C-5123	910395	02/91	Updated, 04/95	
01-152-4119	400-86-D-0080	76066	00/00	Updated, 05/93	
01-152-4119	400-86-D-0080	77216	00/00	Updated, 05/93	
01-152-4119	400-86-D-0080	79386	00/00	Failed, condemned,	1989
01-152-4119	400-86-D-0080	90057	00/00	Failed, condemned,	1989
01-152-4119	400-86-D-0080	90057	00/00	Failed, condemned,	1989
01-152-4119	400-89-D-0111	134	00/00	Updated, 06/94	
01-152-4119	400-89-D-0111	156	08/90	Updated, 03/95	
01-152-4119	400-89-D-0111	175	08/90	Updated, 04/95	
01-152-4119	400-89-D-0111	214	00/00	Updated, 12/94	
01-152-4119	400-89-D-0111	961	00/00	Failed, condemned	
01-152-4119	400-89-D-0111	970	11/89	Failed, condemned,	1992
01-152-4119	400-91-C-5123	910597	03/91	Updated, 02/95	
01-152-4119	400-91-C-5123	910753	03/91	Updated, 02/95	
01-177-3988	400-86-C-5557	101	12/86	Updated, 11/94	
01-177-3988	400-86-C-5557	101A	00/00	Failed, condemned,	1990
01-177-3988	400-86-C-5557	101B	00/00	Failed, condemned,	1990
01-177-3988	400-86-C-5557	101C	12/86	Failed, condemned,	1990
01-177-3988	400-87-C-5100	C4496	05/87	Updated, 04/94	
01-177-3988	400-89-C-5093	913202	05/89	Updated, 08/93	
01-177-3988	400-89-C-5093	913801	05/91	Updated, 03/95	
01-177-3988	400-89-C-5093	913802	05/89	Failed, condemned,	1992
01-177-3988	400-89-C-5093	914601	05/89	Updated, 05/93	
01-177-3988	400-90-C-5309	018401	00/00	Updated, 08/94	
01-177-3988	400-90-C-5309	018701	08/90	Updated, 09/94	
01-177-3988	400-90-C-5309	019801	08/90	Updated, 08/94	
01-177-3988	400-90-C-5309	021301	08/90	Updated, 10/94	
01-177-3988	400-90-C-5309	022001	08/90	Updated, 11/94	
01-177-3988	400-90-C-5309	022901	08/90	Updated, 08/94	
01-177-3988	400-90-C-5309	023901	08/90	Updated, 08/94	
01-177-3988	400-90-C-5475	031901	11/90	Updated, 10/94	
01-177-3988	400-90-C-5475	032301	11/90	Updated, 12/94	
01-177-3988	400-90-C-5475	033701	11/90	Updated, 11/94	
01-177-3988	400-90-C-5475	034701	11/90	Updated, 12/94	
01-177-3988	400-90-C-5477	NC250	12/90	Updated, 12/94	
01-178-4725	400-86-C-1877	803G	00/00	Updated, 06/93	
01-178-4725	400-86-C-5581	105B	12/86	Failed, condemned,	1991
01-178-4725	400-86-C-5581	105C	12/86	Failed, condemned,	1990
01-178-4725	400-86-C-5581	2	12/86	Updated, 01/94	
01-178-4725	400-87-C-5100	C4497	05/87	Updated, 08/93	

01-178-4725	400-87-C-5459	154	08/87	Updated, 02/94	
01-178-4725	400-90-C-5054	000901	02/90	Failed, condemned,	1992
01-178-4725	400-90-C-5054	002301	02/90	Updated, 01/94	
01-178-4725	400-90-C-5054	002601	02/90	Updated, 02/94	
01-178-4725	400-90-C-5054	003101	02/90	Updated, 04/94	
01-178-4725	400-90-C-5054	003701	02/90	Updated, 03/94	
01-178-4725	400-90-C-5054	004001	02/90	Updated, 01/94	
01-178-4725	400-90-C-5054	004601	02/90	Updated, 01/94	
01-178-4725	400-90-C-5054	009201	05/90	Updated, 09/94	
01-178-4725	400-90-C-5054	009601	00/00	Updated, 09/94	
01-178-4725	400-90-C-5054	010601	05/90	Failed, condemned,	1992
01-178-4725	400-90-C-5054	010801	05/90	Updated, 06/94	
01-178-4725	400-90-C-5054	01236	02/90	Updated, 11/94	
01-178-4725	400-90-C-5054	012401	05/90	Updated, 09/94	
01-178-4725	400-90-C-5054	012901	05/90	Updated, 05/94	
01-178-4725	400-90-C-5054	013501	05/90	Updated, 06/94	
01-178-4725	400-90-C-5054	014301	00/00	Updated, 09/94	
01-178-4725	400-91-C-5079	103801	02/91	Updated, 02/95	
01-178-4725	400-91-C-5097	101101	02/91	Updated, 02/95	
01-178-4725	400-91-C-5097	102301	00/00	Failed, condemned,	1993
01-178-4725	400-91-C-5097	102401	02/91	Updated, 02/95	
01-178-4725	400-91-C-5097	103101	02/91	Updated, 04/95	
01-178-4725	400-91-C-5097	103301	02/91	Failed, condemned,	1993
01-178-4725	400-91-C-5097	103701	02/91	Updated, 03/95	
01-178-4725	400-91-C-5097	104401	02/91	Updated, 03/95	
01-178-4725	400-91-C-5097	104501	02/91	Updated, 02/95	
01-178-4725	400-91-C-5097	105301	02/91	Updated, 01/95	
01-178-4725	400-91-C-5097	105801	02/91	Updated, 01/95	
01-178-4726	400-86-C-5240	1	00/00	Failed, condemned,	1992
01-178-4726	400-87-C-5100	C4496	05/87	Updated, 10/94	
01-178-4726	400-87-C-5508	020801	03/88	Updated, 03/95	
01-178-4726	400-87-C-5508	030101	03/88	Updated, 02/95	
01-178-4726	400-87-C-5508	031501	03/90	Updated, 06/94	
01-178-4726	400-87-C-5508	032101	00/00	Updated, 10/94	
01-178-4726	400-87-C-5508	032401	00/00	Updated, 07/94	
01-178-4726	400-87-C-5508	033001	03/88	Updated, 04/94	
01-178-4726	400-87-C-5508	042201	05/88	Updated, 03/94	
01-178-4726	400-87-C-5508	050301	05/88	Updated, 02/95	
01-178-4726	400-87-C-5508	092001	09/88	Updated, 02/94	
01-178-4726	400-87-C-5508	100301	11/88	Updated, 04/94	
01-178-4726	400-91-C-5294	112101	05/91	Updated, 03/95	
01-178-4726	400-91-C-5294	112301	05/89	Updated, 03/95	
01-178-4726	400-91-M-6307	105601	02/91	Failed, condemned,	1993

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00-001-9395	400-86-C-1772	6158	00/00	Updated, 06/93	
00-001-9395	400-89-C-0987	889	05/89	Failed, condemned,	1991
00-001-9395	400-90-C-1500	3412080	08/90	Updated, 08/94	
01-035-5390	400-89-M-6144	260989	02/89	Updated, 06/93	
01-035-5390	400-89-M-K963	760389	08/87	Updated, 06/93	
01-035-5390	400-90-C-1581	B010001	11/90	Updated, 10/94	



01-035-5391	400-84-C-F021	B20020184	00/00	Failed, condemned	
01-035-5391	400-86-C-2252	F61686	00/00	Failed, condemned,	1989
01-035-5391	400-89-M-0719	562689	05/89	Updated,	07/93
01-035-5391	400-91-M-9066	728	01/91	Updated,	02/95
01-035-5391	600-84-C-0651	317	11/83	Failed, condemned,	1986
01-035-5392	400-84-C-F108	C4321	08/84	Failed, condemned,	1986
01-035-5392	400-87-M-F419	C4518	05/87	Failed, condemned,	1991
01-035-5392	400-88-M-U661	103215	00/00	Updated,	06/93
01-035-5392	400-89-C-0821	82289C	08/89	Updated,	07/93
01-035-5392	400-89-M-H006	560189	00/00	Updated,	06/93
01-035-5392	400-90-C-1023	C4791	05/90	Updated,	05/94
01-035-5393	400-90-C-5141	047	00/00	Updated,	07/94
01-035-5393	400-90-C-5141	070	00/00	Updated,	05/94
01-035-5393	400-90-C-5141	071	00/00	Updated,	07/94
01-035-5393	400-90-C-5141	076	00/00	Updated,	08/94
01-035-5393	400-90-C-5141	079	05/90	Updated,	08/94
01-035-5393	400-90-D-0047	3412080	00/00	Failed, condemned,	1992
01-035-5393	400-90-D-0047	3865090	08/90	Updated,	12/94
01-035-5393	400-90-D-0047	4450100	11/90	Failed, condemned,	1993
01-035-5393	400-90-D-0047	4920110	11/90	Failed, condemned,	1993
01-035-5393	400-90-D-0047	5245110	00/00	Updated,	11/94
01-035-5393	400-91-D-0012	11261801	00/00	Failed, condemned,	1993
01-035-5393	400-91-D-0012	B022F86	02/91	Updated,	04/95
01-035-5393	600-80-D-1301	7356	00/00	Failed, condemned	
01-035-5394	400-84-D-0084	B093894B938	03/85	Updated,	07/94
01-035-5394	400-90-C-0681	051	02/90	Updated,	12/93
01-035-5394	400-90-C-0681	102	05/90	Updated,	05/94
01-035-5394	400-90-D-0047	3326080	08/90	Updated,	07/94
01-035-5394	400-90-D-0047	4076090	08/90	Failed, condemned,	1993
01-035-5394	400-90-D-0047	4683100	11/90	Updated,	04/95
01-035-5394	400-91-D-0012	56	03/91	Failed, condemned,	1993
01-035-5394	400-91-D-0012	59	01/91	Updated,	02/95
01-035-5394	400-91-D-0012	75	00/00	Failed, condemned,	1993
01-035-5394	600-79-C-1150	FRG1	08/79	Updated,	03/95
01-035-5394	600-81-C-1059	655	00/00	Failed, condemned,	1992
01-035-5394	600-83-D-1400	D1484	00/00	Updated,	07/93
01-035-5395	400-88-C-1752	785	08/88	Updated,	12/93
01-035-5395	400-89-C-0676	903	05/89	Updated,	04/95
01-035-5395	400-89-C-1394	912	08/91	Updated,	11/93
01-035-5395	400-90-C-0655	132	05/90	Updated,	05/94
01-035-5395	400-90-C-0655	136	00/00	Updated,	07/94
01-035-5395	400-90-M-D391	51590EE	00/00	Updated,	06/94
01-035-5395	600-80-C-1312	GL780	07/80	Failed, condemned,	1986
01-035-5396	400-85-C-0989	83122	00/00	Updated,	07/94
01-035-5396	400-85-C-2481	83457	00/00	Failed, condemned,	1989
01-035-5396	400-86-C-0265	5618	05/86	Updated,	08/93
01-035-5396	400-86-C-2252	F62386A	00/00	Failed, condemned,	1990
01-035-5396	400-90-C-1279	2682060	00/00	Updated,	05/94
01-035-5396	600-83-C-1152	F3724	00/00	Failed, condemned,	1986
01-048-4591	400-84-C-F178	C4340	11/84	Updated,	04/94
01-048-4591	400-90-M-P462	52890LG	05/90	Failed, condemned,	1992

Specification: MIL-L-3150

00-231-2356	400-87-M-BF38	38	11/87	Updated,	02/94
00-231-2356	400-87-M-BF38	39	00/00	Updated,	05/94
00-231-2356	400-87-M-BF38	40	02/88	Updated,	12/94
00-231-2356	400-88-C-0870	41	05/88	Updated,	05/94
00-231-2356	400-90-C-0737	902	05/90	Updated,	07/94
00-231-2356	400-90-C-0737	903	00/00	Updated,	07/94
00-231-2357	400-85-C-5231	1508008	08/85	Updated,	08/93
00-231-2361	400-88-C-2380	42	11/88	Updated,	02/95
00-231-2361	400-89-C-0642	892	05/89	Updated,	12/94
00-231-2361	600-74-C-1615	47	05/74	Updated,	01/95

Specification : MIL-G-4343

00-119-9291	400-90-M-A251	GA030938	03/90	Updated,	07/93
00-119-9291	400-90-M-X671	GA080940	08/90	Failed but updated,	11/94
00-119-9291	400-91-M-BZ20	GA091956	00/00	Updated,	02/95
00-119-9291	400-91-M-BZ20	GA091956	09/91	Updated,	02/95
00-188-9858	400-90-D-0075	9033	01/91	Updated,	03/95
00-269-8255	400-84-M-F147	F11548	08/84	Failed, condemned,	1986
00-269-8255	400-84-M-F147	F11665	08/84	Failed, condemned,	1987
00-269-8255	400-84-M-F264	F11871	08/84	Updated,	12/93
00-269-8255	400-84-M-F264	F11872	08/84	Failed, condemned,	1987
00-269-8255	400-84-M-F264	F11873	08/84	Failed, condemned,	1986
00-269-8255	400-85-C-2914	22	08/85	Updated,	05/95
00-269-8255	400-85-M-A527	20	02/85	Updated,	11/93
00-269-8255	400-87-C-1503	29	05/87	Failed but updated,	12/94
00-269-8255	400-87-M-4712	28	02/87	Updated,	12/94
00-269-8255	400-87-M-5408	30	11/87	Updated,	03/94
00-269-8255	400-89-C-5124	891	05/89	Updated,	12/93
00-269-8255	400-89-C-5124	892	05/89	Updated,	10/94
00-269-8255	400-91-C-5302	GB051727	05/91	Updated,	11/94
00-985-7245	400-89-M-R304	894	09/89	Updated,	03/95
01-007-4384	400-91-M-J991	1916	04/91	Updated,	02/95

Specification: MIL-L-6081

00-231-6676	400-84-C-F133	9880	00/00	Failed, condemned,	1989
00-231-6676	400-85-C-5086	1425	02/85	Updated,	03/94
00-231-6676	400-85-C-5575	38301	04/86	Updated,	09/95
00-231-6676	400-85-C-5575	38343	04/86	Updated,	07/93
00-231-6676	400-86-C-5091	5157	02/86	Updated,	03/95
00-231-6676	400-87-C-2993	F19052C	11/87	Updated,	01/94
00-231-6676	400-87-C-2993	F19052I	12/87	Updated,	01/94
00-231-6676	400-87-C-2993	F19052K	00/00	Updated,	01/94
00-231-6676	400-87-C-2993	F19052L	00/00	Updated,	01/94
00-231-6676	400-87-C-2993	F19052M	00/00	Updated,	07/94
00-231-6676	400-87-C-2993	F19052N	02/88	Updated,	05/94
00-231-6676	400-87-C-2993	F19052Q	02/88	Updated,	05/94
00-231-6676	400-87-C-2993	F19052R	00/00	Updated,	08/94
00-231-6676	400-87-C-2993	F19052S	02/88	Updated,	08/94
00-231-6676	400-87-C-2993	F19052U	00/00	Updated,	08/94
00-231-6676	400-87-C-5124	39253	00/00	Updated,	04/95
00-231-6676	400-87-C-5124	39429	03/87	Updated,	05/93



00-231-6676	400-87-C-5124	39505	03/87	Updated,	07/93
00-231-6676	400-87-C-5124	39544	04/87	Updated,	05/93
00-231-6676	400-87-C-5124	39548	04/87	Updated,	06/93
00-231-6676	400-88-C-5349	F19245	10/88	Updated,	08/95
00-231-6676	400-88-C-5349	F19245C	11/88	Updated,	12/95
00-231-6676	400-88-C-5349	F19245E	11/88	Updated,	12/94
00-231-6676	400-88-C-5349	F19245F	11/88	Updated,	01/94
00-231-6676	400-88-C-5349	F19245G	11/88	Updated,	10/94
00-231-6676	400-88-C-5349	F19245H	00/00	Updated,	02/95
00-231-6676	400-88-C-5349	F19245I	00/00	Updated,	02/95
00-231-6676	400-88-C-5349	F19245K	12/88	Updated,	11/94
00-231-6676	400-88-C-5349	F19245L	00/00	Updated,	02/95
00-231-6676	400-88-C-5349	F19245M	00/00	Updated,	02/95
00-231-6676	400-88-C-5349	F19245N	00/00	Updated,	06/94
00-231-6676	400-88-C-5349	F19245P	01/89	Updated,	03/95
00-231-6676	400-88-C-5349	F19245Q	01/89	Updated,	01/94
00-231-6676	400-88-C-5349	F19245R	11/88	Updated,	03/95
00-231-6676	400-88-C-5349	F19245T	00/00	Failed, condemned,	1992
00-231-6676	400-88-C-5349	F19245U	11/88	Updated,	01/95
00-231-6676	400-88-C-5349	F19245V	01/90	Updated,	04/95
00-231-6676	400-88-C-5349	F19245W	00/00	Updated,	03/95
00-231-6676	400-88-C-5349	F19245X	00/00	Updated,	05/94
00-231-6676	400-88-C-5349	F19245Y	00/00	Updated,	04/94
00-231-6676	400-88-C-5349	F19245Z	02/89	Updated,	03/95
00-231-6676	400-88-C-5349	F19591H	00/00	Updated,	01/94
00-231-6676	400-88-C-5549	F19245C	00/00	Failed, condemned	
00-231-6676	400-89-C-5339	F19591B	03/90	Updated,	04/96
00-231-6676	400-91-C-5143	F19853A	05/91	Updated,	05/94
00-273-2388	400-84-C-F133	9882	11/84	Updated,	06/94
00-273-2388	400-85-C-3035	28	11/85	Updated,	05/95
00-273-2388	400-86-C-0543	30	05/86	Updated,	06/95
00-273-2388	400-87-C-1607	89480	11/87	Updated,	05/94
00-273-2388	400-88-C-1607	66989	02/89	Updated,	02/95
00-273-2388	400-89-C-1842	117721	06/90	Updated,	02/96
00-273-2388	400-90-C-1241	123480	02/91	Updated,	06/95
00-273-2388	400-90-M-1207	117721	00/00	Failed but updated,	05/96
00-273-2388	600-81-C-1215	9817	05/81	Updated,	12/95
00-273-2388	600-83-C-0863	3707	05/83	Updated,	04/94
00-273-8807	600-79-C-0800	36	02/79	Updated,	11/94
00-273-8807	600-79-C-0874	37	05/79	Updated,	05/95
00-273-8807	600-81-C-0835	9167	08/81	Updated,	08/94
00-273-8807	600-81-C-1215	9824	05/81	Updated,	04/95
00-273-8807	600-81-C-1215	9826	05/81	Failed, condemned,	1986
00-273-8807	600-81-C-1260	1022	11/81	Updated,	03/95
00-273-8807	600-81-C-1260	9811	12/81	Updated,	01/96
00-273-8810	600-80-C-1453	GRT1	11/80	Updated,	04/96
00-273-8810	600-82-C-1135	1LY1	05/82	Updated,	06/94

Specification: MIL-H-6083

00-159-4472	400-87-M-7214	22687H	00/00	Failed, condemned,	1989
00-159-4472	400-87-M-Y372	H2468L	08/87	Updated,	05/94
00-159-4472	400-89-M-3943	22889D	02/89	Updated,	05/93

## Appendix C: Shelf Life Data from SAALC

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### Specification : MIL-L-2104

00-186-6668	400-84-D-0077	115	00/00	Failed, condemned,	1989
00-186-6668	400-89-D-0111	260	00/00	Updated,	02/95
00-186-6668	400-89-D-0111	263	00/00	Updated,	12/94
00-186-6668	400-90-C-5258	8921	05/90	Updated,	05/94
00-186-6668	400-90-C-5258	8922	05/90	Updated,	05/94
00-186-6668	400-90-C-5258	8924	05/90	Updated,	04/94
00-186-6668	400-90-C-5258	8939	08/90	Updated,	07/94
00-186-6668	400-90-C-5258	8940	08/90	Updated,	07/94
00-186-6668	400-90-D-0075	9007	00/00	Updated,	11/94
00-186-6668	400-90-D-0075	9008	10/90	Updated,	12/94
00-186-6668	400-90-D-0075	9010	00/00	Updated,	09/94
00-186-6668	400-90-D-0075	9041	01/91	Updated,	03/95
00-186-6668	400-90-D-0076	216	00/00	Updated,	01/95
00-186-6668	400-90-D-0076	357	02/91	Updated,	02/95
00-186-6668	400-91-C-5123	910229	00/00	Updated,	02/95
00-186-6668	400-91-C-5123	910408	03/91	Updated,	03/95
00-186-6668	400-91-C-5123	910522	03/91	Updated,	01/95
00-186-6668	600-79-C-1049	275	05/79	Updated,	07/94
00-186-6668	600-83-D-1183	665	11/85	Updated,	12/93
00-186-6668	600-83-D-1183	673	00/00	Updated,	03/94
00-186-6668	600-83-D-1183	755	02/84	Failed, condemned,	1992
00-186-6681	400-84-C-F141	4022	11/84	Updated,	03/94
00-186-6681	400-86-C-5441	C4444A	08/86	Updated,	04/94
00-186-6681	400-90-C-0046	C4768	02/90	Updated,	12/93
00-186-6681	400-90-C-1391	C4800	08/90	Updated,	12/93
00-186-6681	600-77-C-0692	2102	05/77	Updated,	06/94
00-186-6681	600-77-C-0693	86	02/77	Updated,	06/94
00-186-6681	600-77-C-1138	2517	08/77	Failed, condemned,	1992
00-186-6681	600-79-C-0810	5718	05/79	Updated,	06/94
00-186-6681	600-79-C-1512	211	11/79	Updated,	06/94
00-186-6681	600-79-C-1512	242	11/79	Updated,	06/94
00-186-6681	600-82-C-1357	2767	11/82	Updated,	02/94
00-186-6729	400-91-C-5123	910308	00/00	Updated,	04/95
00-188-6681	400-86-C-5441	C4444B	11/86	Updated,	04/95
00-188-9858	400-84-D-0077	011	00/00	Failed, condemned,	1989
00-188-9858	400-84-D-0077	100	11/81	Failed, condemned,	1989
00-188-9858	400-84-D-0077	324	08/85	Failed, condemned,	1987
00-188-9858	400-86-D-0082	268	00/00	Failed, condemned,	1990
00-188-9858	400-89-D-0111	078	05/90	Updated,	12/94
00-188-9858	400-89-D-0111	186	08/90	Updated,	10/94
00-188-9858	400-90-C-5136	8913	02/90	Updated,	09/94
00-188-9858	400-90-C-5136	8915	02/90	Updated,	02/94
00-188-9858	400-90-C-5136	8916	02/90	Updated,	02/94
00-188-9858	400-90-C-5185	080	00/00	Updated,	05/94
00-188-9858	400-90-C-5185	084	00/00	Updated,	05/94
00-188-9858	400-90-C-5185	086	00/00	Updated,	05/94
00-188-9858	400-90-C-5185	089	05/90	Updated,	05/94
00-188-9858	400-90-C-5185	92	00/00	Updated,	02/95
00-188-9858	400-90-C-5256	159	08/90	Updated,	08/94
00-188-9858	400-90-C-5256	170	08/90	Updated,	11/94
00-188-9858	400-90-C-5256	176	08/90	Updated,	09/94

00-188-9858	400-90-C-5256	177	08/92	Updated,	09/94
00-188-9858	400-90-C-5257	5257A	00/00	Updated,	05/94
00-188-9858	400-90-C-5257	5257B	06/90	Updated,	06/94
00-188-9858	400-90-D-0075	9027	01/91	Failed, condemned,	1993
00-188-9858	400-90-D-0075	9030	01/91	Updated,	03/95
00-188-9858	400-90-D-0075	9036	01/91	Updated,	02/95
00-188-9858	400-91-C-5123	910216	02/91	Updated,	03/95
00-188-9858	400-91-C-5123	910234	02/91	Updated,	03/95
00-188-9858	400-91-C-5124	308	02/91	Updated,	04/95
00-188-9858	400-91-C-5124	313	02/91	Updated,	04/95
00-188-9858	400-91-C-5124	314	00/00	Updated,	02/95
00-188-9858	400-91-C-5124	321	00/00	Updated,	01/95
00-188-9858	400-91-C-5124	328	02/91	Updated,	01/95
00-188-9858	600-81-D-1403	9701	00/00	Failed, condemned,	1987
00-188-9858	600-82-D-1368	565	08/85	Failed, condemned,	1989
00-188-9858	600-83-D-1183	768	02/84	Failed, condemned,	1988
00-188-9862	400-84-D-0075	1375	02/85	Updated,	06/94
00-188-9862	400-85-D-0079	3864	11/85	Updated,	06/94
00-188-9862	400-85-D-0082	495	02/86	Updated,	08/93
00-188-9862	400-88-D-0106	17	00/00	Updated,	07/93
00-188-9862	400-89-D-0111	209	11/90	Updated,	02/95
00-188-9862	400-89-D-0111	262	11/90	Updated,	11/94
00-188-9862	400-89-D-0111	266	11/90	Updated,	10/94
00-188-9862	400-89-D-0111	273	00/00	Updated,	11/94
00-188-9862	400-89-D-0111	9214	00/00	Updated,	11/94
00-188-9862	400-89-D-0111	971	00/00	Updated,	11/93
00-188-9862	400-90-C-5256	276	11/90	Updated,	11/93
00-188-9862	400-90-C-5258	8925	00/00	Updated,	06/94
00-188-9862	400-90-C-5258	8926	05/90	Updated,	04/94
00-188-9862	400-90-D-0075	9028	11/90	Updated,	12/94
00-188-9862	400-90-D-0075	9031	01/91	Updated,	01/95
00-188-9862	400-90-D-0076	291	02/91	Updated,	01/95
00-188-9862	400-91-C-5124	371	02/91	Updated,	02/95
00-188-9862	600-82-D-1368	410	00/00	Failed, condemned,	1986
00-188-9865	600-79-C-0781	4994	05/79	Failed, condemned,	1986
00-188-9867	400-88-C-2093	810	11/88	Updated,	07/93
00-188-9867	400-89-C-0199	840	11/88	Updated,	04/94
00-188-9867	600-82-D-1362	T2121	00/00	Updated,	08/94
00-189-6727	400-85-C-5211	C4368A	05/85	Updated,	02/95
00-189-6727	400-85-C-5211	C4368B	05/85	Updated,	08/94
00-189-6727	400-85-C-5211	C4368C	05/87	Updated,	03/95
00-189-6727	400-87-C-H674	C4517	00/00	Failed, condemned,	1989
00-189-6727	600-83-C-1389	C200	00/00	Updated,	04/94
00-189-6729	400-84-D-0077	223	00/00	Failed, condemned,	1989
00-189-6729	400-84-D-0077	999	11/84	Updated,	06/94
00-189-6729	400-85-D-0057	4768	05/85	Failed, condemned,	1987
00-189-6729	400-85-D-0057	4807	08/85	Updated,	11/93
00-189-6729	400-85-D-0082	578	06/86	Updated,	04/95
00-189-6729	400-86-C-5251	83096	11/86	Updated,	07/93
00-189-6729	400-86-D-0078	64	12/86	Updated,	10/93
00-189-6729	400-86-D-0080	871585	08/87	Failed, condemned,	1992
00-189-6729	400-89-C-1044	317	00/00	Updated,	01/94

00-189-6729	400-89-D-0111	112	00/00	Updated,	08/94	
00-189-6729	400-89-D-0111	131	05/90	Updated,	08/94	
00-189-6729	400-89-D-0111	144	08/90	Updated,	11/94	
00-189-6729	400-89-D-0111	146	08/90	Updated,	09/94	
00-189-6729	400-89-D-0111	192	08/90	Updated,	07/94	
00-189-6729	400-89-D-0111	197	08/90	Updated,	04/95	
00-189-6729	400-89-D-0111	205	08/90	Updated,	03/95	
00-189-6729	400-89-D-0111	208	08/90	Updated,	08/94	
00-189-6729	400-89-D-0111	210	08/90	Updated,	07/94	
00-189-6729	400-89-D-0111	244	00/00	Updated,	03/95	
00-189-6729	400-89-D-0111	250	11/90	Updated,	03/95	
00-189-6729	400-89-D-0111	253	11/90	Updated,	12/94	
00-189-6729	400-89-D-0111	254	11/90	Updated,	12/94	
00-189-6729	400-89-D-0111	259	00/00	Updated,	12/94	
00-189-6729	400-89-D-0111	261	11/90	Updated,	08/94	
00-189-6729	400-90-C-5256	268	11/90	Updated,	12/94	
00-189-6729	400-90-C-5256	271	00/00	Updated,	12/94	
00-189-6729	400-90-C-5256	280	00/00	Updated,	03/95	
00-189-6729	400-90-C-5258	8927	00/00	Updated,	03/94	
00-189-6729	400-90-C-5258	8942	07/90	Updated,	07/94	
00-189-6729	400-90-C-5258	8943	07/90	Updated,	07/94	
00-189-6729	400-90-C-5258	8944	07/90	Updated,	07/94	
00-189-6729	400-90-D-0075	9043	01/91	Updated,	01/95	
00-189-6729	400-90-D-0075	9054	02/91	Failed but updated,	02/95	
00-189-6729	400-90-D-0075	9055	02/91	Updated,	05/95	
00-189-6729	400-90-D-0075	9057	00/00	Updated,	04/95	
00-189-6729	400-90-D-0075	9058	03/91	Updated,	03/95	
00-189-6729	400-90-D-0075	9062	00/00	Updated,	01/95	
00-189-6729	400-91-C-5123	910121	00/00	Updated,	04/95	
00-189-6729	400-91-C-5123	910270	02/91	Updated,	01/95	
00-189-6729	400-91-C-5123	910306	02/91	Updated,	02/95	
00-189-6729	400-91-C-5123	910326	00/00	Updated,	01/95	
00-189-6729	400-91-C-5123	910377	00/00	Updated,	05/95	
00-189-6729	400-91-C-5123	910378	02/91	Updated,	12/94	
00-189-6729	600-79-C-0964	230	05/79	Updated,	06/94	
00-189-6729	600-79-C-1044	369	08/79	Updated,	05/94	
00-189-6729	600-79-C-1044	370	00/00	Updated,	01/94	
00-189-6729	600-79-C-1044	372	08/79	Updated,	05/94	
00-189-6729	600-81-C-0611	2889	05/81	Updated,	05/94	
00-189-6729	600-83-C-1389	D200	00/00	Updated,	04/94	
00-189-6729	600-83-D-1188	829	00/00	Failed, condemned,	1991	
00-189-6729	600-84-D-0715	846	05/84	Failed, condemned,	1988	
00-191-2772	400-84-D-0077	153	00/00	Failed, condemned,	1987	
00-191-2772	400-84-D-0077	219	05/85	Failed, condemned,	1988	
00-191-2772	400-84-D-0077	225	00/00	Failed, condemned,	1988	
00-191-2772	400-84-D-0077	228	05/85	Failed, condemned,	1988	
00-191-2772	400-85-D-0082	469	02/86	Failed, condemned,	1989	
00-191-2772	400-85-D-0082	513	02/86	Failed, condemned,	1988	
00-191-2772	400-85-D-0082	542	05/86	Updated,	03/94	
00-191-2772	400-85-D-0082	561	05/86	Updated,	02/94	
00-191-2772	400-86-D-0080	15847	05/87	Updated,	06/93	
00-191-2772	400-86-D-0080	871568	07/87	Failed, condemned,	1989	

00-191-2772	400-86-D-0080	871584	08/87	Failed, condemned,	1989
00-191-2772	400-86-D-0081	679	02/87	Failed, condemned,	1990
00-191-2772	400-87-C-5021	1	00/00	Updated,	07/94
00-191-2772	400-87-C-5021	2	03/87	Updated,	10/94
00-191-2772	400-87-C-5021	4	00/00	Updated,	05/95
00-191-2772	400-89-D-0111	01	02/90	Updated,	12/94
00-191-2772	400-89-D-0111	010	02/90	Updated,	12/94
00-191-2772	400-89-D-0111	039	02/90	Updated,	06/94
00-191-2772	400-89-D-0111	075	05/90	Updated,	05/94
00-191-2772	400-89-D-0111	105	05/90	Updated,	06/94
00-191-2772	400-89-D-0111	110	05/90	Updated,	05/94
00-191-2772	400-89-D-0111	121	00/00	Updated,	08/94
00-191-2772	400-89-D-0111	126	00/00	Updated,	01/95
00-191-2772	400-89-D-0111	135	08/89	Updated,	06/94
00-191-2772	400-89-D-0111	143	08/90	Updated,	08/94
00-191-2772	400-89-D-0111	154	08/89	Updated,	07/94
00-191-2772	400-89-D-0111	171	08/89	Updated,	01/95
00-191-2772	400-89-D-0111	174	08/90	Updated,	08/94
00-191-2772	400-89-D-0111	181	00/00	Updated,	11/94
00-191-2772	400-89-D-0111	267	11/90	Updated,	12/94
00-191-2772	400-89-D-0111	986	00/00	Updated,	07/93
00-191-2772	400-90-C-5258	8919	04/90	Updated,	10/94
00-191-2772	400-90-C-5258	8920	04/90	Updated,	05/94
00-191-2772	400-90-D-0075	9005	10/90	Updated,	12/94
00-191-2772	400-90-D-0075	9008	10/90	Updated,	12/94
00-191-2772	400-90-D-0075	9014	10/90	Updated,	11/94
00-191-2772	400-90-D-0075	9029	12/90	Updated,	03/95
00-191-2772	400-90-D-0075	9032	00/00	Updated,	12/94
00-191-2772	400-90-D-0076	319	02/91	Failed but updated,	02/95
00-191-2772	400-90-D-0076	339	02/91	Updated,	02/95
00-191-2772	400-91-C-5123	415	02/91	Updated,	12/94
00-191-2772	400-91-C-5123	910209	00/00	Updated,	02/95
00-191-2772	400-91-C-5123	910244	02/91	Updated,	02/95
00-191-2772	400-91-C-5123	910262	00/00	Updated,	04/95
00-191-2772	400-91-C-5123	910302	00/00	Updated,	05/95
00-191-2772	400-91-C-5123	910327	00/00	Updated,	02/95
00-191-2772	400-91-C-5123	910522	00/00	Updated,	02/95
00-191-2772	400-91-D-0095	CP140	02/91	Updated,	04/95
00-191-2772	400-91-D-0095	P2100	02/92	Updated,	08/94
00-191-2772	600-79-D-1400	GRF1	00/00	Failed, condemned	
00-191-2772	600-80-D-1131	HRU1	00/00	Failed, condemned	
00-191-2772	600-81-D-1406	HLD1	00/00	Failed, condemned	
00-191-2772	600-83-D-1183	686	11/83	Failed, condemned,	1989
00-191-2772	600-83-D-1183	788	05/84	Failed, condemned,	1988
01-100-4612	400-84-C-F141	4023	05/85	Failed, condemned,	1987
01-100-4612	600-82-C-1357	2490	02/82	Failed, condemned,	1987
01-152-4117	400-84-C-F054	C4295	00/00	Updated,	12/94
01-152-4117	400-85-C-F012	C4345C	00/00	Updated,	05/93
01-152-4117	400-86-C-2840	C4459	00/00	Updated,	12/94
01-152-4117	400-87-C-5121	C4492	02/87	Failed, condemned,	1989
01-152-4117	400-90-C-1363	C4799	08/90	Updated,	12/94
01-152-4118	400-84-C-F100	962	11/84	Updated,	05/93

01-152-4118	400-85-C-F012	C4344	00/00	Updated, 07/93	
01-152-4118	400-85-C-F012	C4344A	11/84	Updated, 05/93	
01-152-4118	400-85-C-F102	C4344B	00/00	Updated, 05/93	
01-152-4118	400-85-C-F102	C4344C	11/84	Updated, 05/93	
01-152-4118	400-90-C-5256	226	00/00	Updated, 12/94	
01-152-4118	400-90-D-0075	9011	10/90	Updated, 10/94	
01-152-4118	400-90-D-0075	9012	00/00	Updated, 10/94	
01-152-4118	400-90-D-0076	235	11/90	Updated, 03/95	
01-152-4118	400-90-D-0076	240	00/00	Updated, 10/94	
01-152-4118	400-90-D-0076	335	02/91	Updated, 02/95	
01-152-4118	400-91-C-5123	910235	02/91	Updated, 02/95	
01-152-4118	400-91-C-5123	910350	02/91	Updated, 03/95	
01-152-4118	400-91-C-5123	910395	02/91	Updated, 04/95	
01-152-4119	400-86-D-0080	76066	00/00	Updated, 05/93	
01-152-4119	400-86-D-0080	77216	00/00	Updated, 05/93	
01-152-4119	400-86-D-0080	79386	00/00	Failed, condemned,	1989
01-152-4119	400-86-D-0080	90057	00/00	Failed, condemned,	1989
01-152-4119	400-86-D-0080	90057	00/00	Failed, condemned,	1989
01-152-4119	400-89-D-0111	134	00/00	Updated, 06/94	
01-152-4119	400-89-D-0111	156	08/90	Updated, 03/95	
01-152-4119	400-89-D-0111	175	08/90	Updated, 04/95	
01-152-4119	400-89-D-0111	214	00/00	Updated, 12/94	
01-152-4119	400-89-D-0111	961	00/00	Failed, condemned	
01-152-4119	400-89-D-0111	970	11/89	Failed, condemned,	1992
01-152-4119	400-91-C-5123	910597	03/91	Updated, 02/95	
01-152-4119	400-91-C-5123	910753	03/91	Updated, 02/95	
01-177-3988	400-86-C-5557	101	12/86	Updated, 11/94	
01-177-3988	400-86-C-5557	101A	00/00	Failed, condemned,	1990
01-177-3988	400-86-C-5557	101B	00/00	Failed, condemned,	1990
01-177-3988	400-86-C-5557	101C	12/86	Failed, condemned,	1990
01-177-3988	400-87-C-5100	C4496	05/87	Updated, 04/94	
01-177-3988	400-89-C-5093	913202	05/89	Updated, 08/93	
01-177-3988	400-89-C-5093	913801	05/91	Updated, 03/95	
01-177-3988	400-89-C-5093	913802	05/89	Failed, condemned,	1992
01-177-3988	400-89-C-5093	914601	05/89	Updated, 05/93	
01-177-3988	400-90-C-5309	018401	00/00	Updated, 08/94	
01-177-3988	400-90-C-5309	018701	08/90	Updated, 09/94	
01-177-3988	400-90-C-5309	019801	08/90	Updated, 08/94	
01-177-3988	400-90-C-5309	021301	08/90	Updated, 10/94	
01-177-3988	400-90-C-5309	022001	08/90	Updated, 11/94	
01-177-3988	400-90-C-5309	022901	08/90	Updated, 08/94	
01-177-3988	400-90-C-5309	023901	08/90	Updated, 08/94	
01-177-3988	400-90-C-5475	031901	11/90	Updated, 10/94	
01-177-3988	400-90-C-5475	032301	11/90	Updated, 12/94	
01-177-3988	400-90-C-5475	033701	11/90	Updated, 11/94	
01-177-3988	400-90-C-5475	034701	11/90	Updated, 12/94	
01-177-3988	400-90-C-5477	NC250	12/90	Updated, 12/94	
01-178-4725	400-86-C-1877	803G	00/00	Updated, 06/93	
01-178-4725	400-86-C-5581	105B	12/86	Failed, condemned,	1991
01-178-4725	400-86-C-5581	105C	12/86	Failed, condemned,	1990
01-178-4725	400-86-C-5581	2	12/86	Updated, 01/94	
01-178-4725	400-87-C-5100	C4497	05/87	Updated, 08/93	



01-178-4725	400-87-C-5459	154	08/87	Updated, 02/94	
01-178-4725	400-90-C-5054	000901	02/90	Failed, condemned,	1992
01-178-4725	400-90-C-5054	002301	02/90	Updated, 01/94	
01-178-4725	400-90-C-5054	002601	02/90	Updated, 02/94	
01-178-4725	400-90-C-5054	003101	02/90	Updated, 04/94	
01-178-4725	400-90-C-5054	003701	02/90	Updated, 03/94	
01-178-4725	400-90-C-5054	004001	02/90	Updated, 01/94	
01-178-4725	400-90-C-5054	004601	02/90	Updated, 01/94	
01-178-4725	400-90-C-5054	009201	05/90	Updated, 09/94	
01-178-4725	400-90-C-5054	009601	00/00	Updated, 09/94	
01-178-4725	400-90-C-5054	010601	05/90	Failed, condemned,	1992
01-178-4725	400-90-C-5054	010801	05/90	Updated, 06/94	
01-178-4725	400-90-C-5054	01236	02/90	Updated, 11/94	
01-178-4725	400-90-C-5054	012401	05/90	Updated, 09/94	
01-178-4725	400-90-C-5054	012901	05/90	Updated, 05/94	
01-178-4725	400-90-C-5054	013501	05/90	Updated, 06/94	
01-178-4725	400-90-C-5054	014301	00/00	Updated, 09/94	
01-178-4725	400-91-C-5079	103801	02/91	Updated, 02/95	
01-178-4725	400-91-C-5097	101101	02/91	Updated, 02/95	
01-178-4725	400-91-C-5097	102301	00/00	Failed, condemned,	1993
01-178-4725	400-91-C-5097	102401	02/91	Updated, 02/95	
01-178-4725	400-91-C-5097	103101	02/91	Updated, 04/95	
01-178-4725	400-91-C-5097	103301	02/91	Failed, condemned,	1993
01-178-4725	400-91-C-5097	103701	02/91	Updated, 03/95	
01-178-4725	400-91-C-5097	104401	02/91	Updated, 03/95	
01-178-4725	400-91-C-5097	104501	02/91	Updated, 02/95	
01-178-4725	400-91-C-5097	105301	02/91	Updated, 01/95	
01-178-4725	400-91-C-5097	105801	02/91	Updated, 01/95	
01-178-4726	400-86-C-5240	1	00/00	Failed, condemned,	1992
01-178-4726	400-87-C-5100	C4496	05/87	Updated, 10/94	
01-178-4726	400-87-C-5508	020801	03/88	Updated, 03/95	
01-178-4726	400-87-C-5508	030101	03/88	Updated, 02/95	
01-178-4726	400-87-C-5508	031501	03/90	Updated, 06/94	
01-178-4726	400-87-C-5508	032101	00/00	Updated, 10/94	
01-178-4726	400-87-C-5508	032401	00/00	Updated, 07/94	
01-178-4726	400-87-C-5508	033001	03/88	Updated, 04/94	
01-178-4726	400-87-C-5508	042201	05/88	Updated, 03/94	
01-178-4726	400-87-C-5508	050301	05/88	Updated, 02/95	
01-178-4726	400-87-C-5508	092001	09/88	Updated, 02/94	
01-178-4726	400-87-C-5508	100301	11/88	Updated, 04/94	
01-178-4726	400-91-C-5294	112101	05/91	Updated, 03/95	
01-178-4726	400-91-C-5294	112301	05/89	Updated, 03/95	
01-178-4726	400-91-M-6307	105601	02/91	Failed, condemned,	1993

Specification: MIL-L-2105

00-001-9395	400-86-C-1772	6158	00/00	Updated, 06/93	
00-001-9395	400-89-C-0987	889	05/89	Failed, condemned,	1991
00-001-9395	400-90-C-1500	3412080	08/90	Updated, 08/94	
01-035-5390	400-89-M-6144	260989	02/89	Updated, 06/93	
01-035-5390	400-89-M-K963	760389	08/87	Updated, 06/93	
01-035-5390	400-90-C-1581	B010001	11/90	Updated, 10/94	

01-035-5391	400-84-C-F021	B20020184	00/00	Failed, condemned	
01-035-5391	400-86-C-2252	F61686	00/00	Failed, condemned,	1989
01-035-5391	400-89-M-0719	562689	05/89	Updated,	07/93
01-035-5391	400-91-M-9066	728	01/91	Updated,	02/95
01-035-5391	600-84-C-0651	317	11/83	Failed, condemned,	1986
01-035-5392	400-84-C-F108	C4321	08/84	Failed, condemned,	1986
01-035-5392	400-87-M-F419	C4518	05/87	Failed, condemned,	1991
01-035-5392	400-88-M-U661	103215	00/00	Updated,	06/93
01-035-5392	400-89-C-0821	82289C	08/89	Updated,	07/93
01-035-5392	400-89-M-H006	560189	00/00	Updated,	06/93
01-035-5392	400-90-C-1023	C4791	05/90	Updated,	05/94
01-035-5393	400-90-C-5141	047	00/00	Updated,	07/94
01-035-5393	400-90-C-5141	070	00/00	Updated,	05/94
01-035-5393	400-90-C-5141	071	00/00	Updated,	07/94
01-035-5393	400-90-C-5141	076	00/00	Updated,	08/94
01-035-5393	400-90-C-5141	079	05/90	Updated,	08/94
01-035-5393	400-90-D-0047	3412080	00/00	Failed, condemned,	1992
01-035-5393	400-90-D-0047	3865090	08/90	Updated,	12/94
01-035-5393	400-90-D-0047	4450100	11/90	Failed, condemned,	1993
01-035-5393	400-90-D-0047	4920110	11/90	Failed, condemned,	1993
01-035-5393	400-90-D-0047	5245110	00/00	Updated,	11/94
01-035-5393	400-91-D-0012	11261801	00/00	Failed, condemned,	1993
01-035-5393	400-91-D-0012	B022F86	02/91	Updated,	04/95
01-035-5393	600-80-D-1301	7356	00/00	Failed, condemned	
01-035-5394	400-84-D-0084	B093894B938	03/85	Updated,	07/94
01-035-5394	400-90-C-0681	051	02/90	Updated,	12/93
01-035-5394	400-90-C-0681	102	05/90	Updated,	05/94
01-035-5394	400-90-D-0047	3326080	08/90	Updated,	07/94
01-035-5394	400-90-D-0047	4076090	08/90	Failed, condemned,	1993
01-035-5394	400-90-D-0047	4683100	11/90	Updated,	04/95
01-035-5394	400-91-D-0012	56	03/91	Failed, condemned,	1993
01-035-5394	400-91-D-0012	59	01/91	Updated,	02/95
01-035-5394	400-91-D-0012	75	00/00	Failed, condemned,	1993
01-035-5394	600-79-C-1150	FRG1	08/79	Updated,	03/95
01-035-5394	600-81-C-1059	655	00/00	Failed, condemned,	1992
01-035-5394	600-83-D-1400	D1484	00/00	Updated,	07/93
01-035-5395	400-88-C-1752	785	08/88	Updated,	12/93
01-035-5395	400-89-C-0676	903	05/89	Updated,	04/95
01-035-5395	400-89-C-1394	912	08/91	Updated,	11/93
01-035-5395	400-90-C-0655	132	05/90	Updated,	05/94
01-035-5395	400-90-C-0655	136	00/00	Updated,	07/94
01-035-5395	400-90-M-D391	51590EE	00/00	Updated,	06/94
01-035-5395	600-80-C-1312	GL780	07/80	Failed, condemned,	1986
01-035-5396	400-85-C-0989	83122	00/00	Updated,	07/94
01-035-5396	400-85-C-2481	83457	00/00	Failed, condemned,	1989
01-035-5396	400-86-C-0265	5618	05/86	Updated,	08/93
01-035-5396	400-86-C-2252	F62386A	00/00	Failed, condemned,	1990
01-035-5396	400-90-C-1279	2682060	00/00	Updated,	05/94
01-035-5396	600-83-C-1152	F3724	00/00	Failed, condemned,	1986
01-048-4591	400-84-C-F178	C4340	11/84	Updated,	04/94
01-048-4591	400-90-M-P462	52890LG	05/90	Failed, condemned,	1992



Specification: MIL-L-3150			
00-231-2356	400-87-M-BF38	38	11/87 Updated, 02/94
00-231-2356	400-87-M-BF38	39	00/00 Updated, 05/94
00-231-2356	400-87-M-BF38	40	02/88 Updated, 12/94
00-231-2356	400-88-C-0870	41	05/88 Updated, 05/94
00-231-2356	400-90-C-0737	902	05/90 Updated, 07/94
00-231-2356	400-90-C-0737	903	00/00 Updated, 07/94
00-231-2357	400-85-C-5231	1508008	08/85 Updated, 08/93
00-231-2361	400-88-C-2380	42	11/88 Updated, 02/95
00-231-2361	400-89-C-0642	892	05/89 Updated, 12/94
00-231-2361	600-74-C-1615	47	05/74 Updated, 01/95

Specification : MIL-G-4343			
00-119-9291	400-90-M-A251	GA030938	03/90 Updated, 07/93
00-119-9291	400-90-M-X671	GA080940	08/90 Failed but updated, 11/94
00-119-9291	400-91-M-BZ20	GA091956	00/00 Updated, 02/95
00-119-9291	400-91-M-BZ20	GA091956	09/91 Updated, 02/95
00-188-9858	400-90-D-0075	9033	01/91 Updated, 03/95
00-269-8255	400-84-M-F147	F11548	08/84 Failed, condemned, 1986
00-269-8255	400-84-M-F147	F11665	08/84 Failed, condemned, 1987
00-269-8255	400-84-M-F264	F11871	08/84 Updated, 12/93
00-269-8255	400-84-M-F264	F11872	08/84 Failed, condemned, 1987
00-269-8255	400-84-M-F264	F11873	08/84 Failed, condemned, 1986
00-269-8255	400-85-C-2914	22	08/85 Updated, 05/95
00-269-8255	400-85-M-A527	20	02/85 Updated, 11/93
00-269-8255	400-87-C-1503	29	05/87 Failed but updated, 12/94
00-269-8255	400-87-M-4712	28	02/87 Updated, 12/94
00-269-8255	400-87-M-5408	30	11/87 Updated, 03/94
00-269-8255	400-89-C-5124	891	05/89 Updated, 12/93
00-269-8255	400-89-C-5124	892	05/89 Updated, 10/94
00-269-8255	400-91-C-5302	GB051727	05/91 Updated, 11/94
00-985-7245	400-89-M-R304	894	09/89 Updated, 03/95
01-007-4384	400-91-M-J991	1916	04/91 Updated, 02/95

Specification: MIL-L-6081			
00-231-6676	400-84-C-F133	9880	00/00 Failed, condemned, 1989
00-231-6676	400-85-C-5086	1425	02/85 Updated, 03/94
00-231-6676	400-85-C-5575	38301	04/86 Updated, 09/95
00-231-6676	400-85-C-5575	38343	04/86 Updated, 07/93
00-231-6676	400-86-C-5091	5157	02/86 Updated, 03/95
00-231-6676	400-87-C-2993	F19052C	11/87 Updated, 01/94
00-231-6676	400-87-C-2993	F19052I	12/87 Updated, 01/94
00-231-6676	400-87-C-2993	F19052K	00/00 Updated, 01/94
00-231-6676	400-87-C-2993	F19052L	00/00 Updated, 01/94
00-231-6676	400-87-C-2993	F19052M	00/00 Updated, 07/94
00-231-6676	400-87-C-2993	F19052N	02/88 Updated, 05/94
00-231-6676	400-87-C-2993	F19052Q	02/88 Updated, 05/94
00-231-6676	400-87-C-2993	F19052R	00/00 Updated, 08/94
00-231-6676	400-87-C-2993	F19052S	02/88 Updated, 08/94
00-231-6676	400-87-C-2993	F19052U	00/00 Updated, 08/94
00-231-6676	400-87-C-5124	39253	00/00 Updated, 04/95
00-231-6676	400-87-C-5124	39429	03/87 Updated, 05/93

00-231-6676	400-87-C-5124	39505	03/87	Updated,	07/93
00-231-6676	400-87-C-5124	39544	04/87	Updated,	05/93
00-231-6676	400-87-C-5124	39548	04/87	Updated,	06/93
00-231-6676	400-88-C-5349	F19245	10/88	Updated,	08/95
00-231-6676	400-88-C-5349	F19245C	11/88	Updated,	12/95
00-231-6676	400-88-C-5349	F19245E	11/88	Updated,	12/94
00-231-6676	400-88-C-5349	F19245F	11/88	Updated,	01/94
00-231-6676	400-88-C-5349	F19245G	11/88	Updated,	10/94
00-231-6676	400-88-C-5349	F19245H	00/00	Updated,	02/95
00-231-6676	400-88-C-5349	F19245I	00/00	Updated,	02/95
00-231-6676	400-88-C-5349	F19245K	12/88	Updated,	11/94
00-231-6676	400-88-C-5349	F19245L	00/00	Updated,	02/95
00-231-6676	400-88-C-5349	F19245M	00/00	Updated,	02/95
00-231-6676	400-88-C-5349	F19245N	00/00	Updated,	06/94
00-231-6676	400-88-C-5349	F19245P	01/89	Updated,	03/95
00-231-6676	400-88-C-5349	F19245Q	01/89	Updated,	01/94
00-231-6676	400-88-C-5349	F19245R	11/88	Updated,	03/95
00-231-6676	400-88-C-5349	F19245T	00/00	Failed, condemned,	1992
00-231-6676	400-88-C-5349	F19245U	11/88	Updated,	01/95
00-231-6676	400-88-C-5349	F19245V	01/90	Updated,	04/95
00-231-6676	400-88-C-5349	F19245W	00/00	Updated,	03/95
00-231-6676	400-88-C-5349	F19245X	00/00	Updated,	05/94
00-231-6676	400-88-C-5349	F19245Y	00/00	Updated,	04/94
00-231-6676	400-88-C-5349	F19245Z	02/89	Updated,	03/95
00-231-6676	400-88-C-5349	F19591H	00/00	Updated,	01/94
00-231-6676	400-88-C-5549	F19245C	00/00	Failed, condemned	
00-231-6676	400-89-C-5339	F19591B	03/90	Updated,	04/96
00-231-6676	400-91-C-5143	F19853A	05/91	Updated,	05/94
00-273-2388	400-84-C-F133	9882	11/84	Updated,	06/94
00-273-2388	400-85-C-3035	28	11/85	Updated,	05/95
00-273-2388	400-86-C-0543	30	05/86	Updated,	06/95
00-273-2388	400-87-C-1607	89480	11/87	Updated,	05/94
00-273-2388	400-88-C-1607	66989	02/89	Updated,	02/95
00-273-2388	400-89-C-1842	117721	06/90	Updated,	02/96
00-273-2388	400-90-C-1241	123480	02/91	Updated,	06/95
00-273-2388	400-90-M-1207	117721	00/00	Failed but updated,	05/96
00-273-2388	600-81-C-1215	9817	05/81	Updated,	12/95
00-273-2388	600-83-C-0863	3707	05/83	Updated,	04/94
00-273-8807	600-79-C-0800	36	02/79	Updated,	11/94
00-273-8807	600-79-C-0874	37	05/79	Updated,	05/95
00-273-8807	600-81-C-0835	9167	08/81	Updated,	08/94
00-273-8807	600-81-C-1215	9824	05/81	Updated,	04/95
00-273-8807	600-81-C-1215	9826	05/81	Failed, condemned,	1986
00-273-8807	600-81-C-1260	1022	11/81	Updated,	03/95
00-273-8807	600-81-C-1260	9811	12/81	Updated,	01/96
00-273-8810	600-80-C-1453	GRT1	11/80	Updated,	04/96
00-273-8810	600-82-C-1135	1LY1	05/82	Updated,	06/94

Specification: MIL-H-6083

00-159-4472	400-87-M-7214	22687H	00/00	Failed, condemned,	1989
00-159-4472	400-87-M-Y372	H2468L	08/87	Updated,	05/94
00-159-4472	400-89-M-3943	22889D	02/89	Updated,	05/93

00-159-4472	400-89-M-8617	22889D	02/89	Updated, 03/95	
00-159-4472	400-89-M-C550	80189HF	08/89	Failed, condemned,	1991
00-159-4472	400-90-M-Y011	OT1090A	10/90	Updated, 12/94	
00-159-4472	400-91-M-8724	OT0291A	02/91	Updated, 06/94	
00-935-9807	400-85-C-5583	70	11/85	Updated, 11/94	
00-935-9807	400-85-C-5583	7C	00/00	Failed, condemned,	1990
00-935-9807	400-87-C-5565	95114	05/88	Updated, 04/94	
00-935-9807	400-88-C-0681	89	05/88	Failed, condemned,	1990
00-935-9807	400-89-C-1560	109602	09/89	Updated, 06/94	
00-935-9807	400-89-M-Y758	113511	01/90	Updated, 06/94	
00-935-9807	400-91-C-0610	123848	02/91	Updated, 02/95	
00-935-9807	400-91-M-F332	123848	00/00	Updated, 07/94	
00-935-9807	600-74-C-1149	C3RS2	11/73	Failed, condemned,	1985
00-935-9807	600-82-C-1237	9858	08/82	Failed, condemned,	1992
00-935-9808	400-84-C-F192	9889D	00/00	Failed, condemned	
00-935-9808	400-84-C-F192	9889F	02/85	Failed, condemned,	1987
00-935-9808	400-84-C-F192	9889J	00/00	Failed, condemned	
00-935-9808	400-84-C-F192	9889N	02/85	Failed, condemned,	1987
00-935-9808	400-87-C-1265	NG01	08/87	Updated, 02/94	
00-935-9808	400-87-C-5300	G02	08/87	Updated, 05/94	
00-935-9808	400-87-C-5300	NG02	08/87	Failed, condemned,	1992
00-935-9808	400-87-C-5300	NJ01	11/87	Updated, 08/93	
00-935-9808	400-88-C-5302	P102	08/88	Failed, condemned,	1990
00-935-9808	400-89-C-1864	114228	01/90	Updated, 02/94	
00-935-9808	400-90-C-0564	RE01	05/90	Failed but updated,	05/95
00-935-9808	400-91-C-0644	123848	02/91	Updated, 01/95	
00-935-9808	600-79-C-1564	9765	11/79	Failed, condemned,	1992
00-935-9809	400-84-C-F027	58	00/00	Failed but updated,	01/95
00-935-9809	400-85-C-5583	71	00/00	Failed, condemned,	1990
00-935-9809	400-89-C-5095	892	05/89	Failed but updated,	08/94
00-935-9809	400-90-C-5416	124426	03/91	Updated, 02/95	
00-935-9809	600-82-C-0786	9847	02/82	Failed, condemned,	1991
00-935-9809	600-83-C-0943	51	04/83	Updated, 03/94	
00-935-9810	400-84-C-F193	64	00/00	Failed, condemned,	1988
00-935-9810	400-84-C-F193	65	02/85	Failed, condemned,	1987
00-935-9810	400-85-C-5566	MC04	00/00	Failed, condemned,	1989
00-935-9810	400-87-C-5565	95114	05/88	Updated, 04/94	
00-935-9810	400-89-C-5378	QK03	00/00	Updated, 11/93	
00-935-9810	400-90-C-0529	118822	07/90	Updated, 07/94	
00-935-9810	600-82-C-1551	9829	00/00	Updated, 08/94	
00-935-9810	600-83-C-0943	49	03/83	Failed, condemned,	1986

Specification: MIL-L-7808

00-108-5359	400-85-C-5591	26	11/85	Updated, 02/95	
00-108-5359	400-87-C-1317	37	05/87	Updated, 02/96	
00-108-5359	400-87-C-5405	41	11/87	Updated, 06/94	
00-108-5359	400-87-C-5405	42	11/87	Failed, condemned,	1992
00-108-5359	400-89-C-5038	35	05/89	Updated, 10/94	
00-108-5359	400-89-C-5424	86	02/90	Updated, 06/95	
00-108-5359	400-91-C-5028	7F	02/91	Updated, 01/96	
00-108-5359	600-78-C-0940	32	05/78	Updated, 02/95	
00-108-5359	600-80-C-1380	10	11/80	Failed, condemned,	1990

00-108-5359	600-82-C-0939	14	05/82	Updated,	02/95	
00-108-5359	600-83-C-0810	16	05/83	Updated,	07/94	
00-108-5359	600-83-C-0924	17	02/83	Updated,	12/94	
00-159-4882	600-82-C-0938	12	05/82	Failed, condemned,	1988,	
00-159-4882	600-82-C-0938	13	08/82	Failed, condemned,	1987,	
00-159-4882	600-82-C-0939	127	05/82	Failed, condemned,	1987,	
00-159-4882	600-83-C-0924	95	05/83	Failed, condemned,	1991	
00-270-4057	400-84-C-F114	18	08/84	Updated,	09/93	
00-270-4057	400-85-C-1710	21	08/85	Updated,	05/95	
00-270-4057	400-85-C-5613	386	02/86	Updated,	10/93	
00-270-4057	400-86-C-5224	28	08/86	Updated,	05/95	
00-270-4057	400-87-C-1318	37	05/87	Updated,	07/93	
00-270-4057	400-87-C-2292	43	11/88	Updated,	08/94	
00-270-4057	400-87-C-5558	45	11/88	Updated,	02/94	
00-270-4057	400-88-C-5285	C4591	08/88	Updated,	11/94	
00-270-4057	400-88-C-5346	25	11/88	Updated,	01/95	
00-270-4057	400-89-C-5087	B02396	05/89	Updated,	09/95	
00-270-4057	600-83-C-1233	15	08/83	Updated,	02/96	
00-782-2627	400-85-C-5450	162	09/85	Updated,	06/94	
00-782-2627	400-85-C-5558	25	11/85	Updated,	01/95	
00-782-2627	400-85-C-5558	26	11/85	Updated,	03/95	
00-782-2627	400-86-C-5031	166	01/86	Updated,	02/94	
00-782-2627	400-86-C-5031	167	01/86	Updated,	07/93	
00-782-2627	400-86-C-5031	168	01/86	Updated,	04/94	
00-782-2627	400-86-C-5128	27	05/86	Updated,	07/93	
00-782-2627	400-86-C-5128	29	08/86	Updated,	05/95	
00-782-2627	400-86-C-5128	30	08/86	Updated,	11/95	
00-782-2627	400-86-C-5129	34	02/87	Updated,	01/96	
00-782-2627	400-86-C-5237	36	02/87	Updated,	12/95	
00-782-2627	400-86-C-5286	65	08/86	Updated,	01/95	
00-782-2627	400-86-C-5286	70	11/86	Updated,	01/95	
00-782-2627	400-86-C-5286	72	11/86	Updated,	02/95	
00-782-2627	400-87-C-5151	77	05/87	Updated,	03/95	
00-782-2627	400-87-C-5151	79	05/87	Failed, condemned,	1990	
00-782-2627	400-87-C-5244	38	11/87	Updated,	10/95	
00-782-2627	400-87-C-5244	39	08/87	Updated,	10/94	
00-782-2627	400-87-C-5244	40	08/87	Updated,	01/96	
00-782-2627	400-87-C-5244	43	11/87	Updated,	12/95	
00-782-2627	400-87-C-5244	44	02/88	Updated,	12/95	
00-782-2627	400-87-C-5244	45	02/88	Updated,	01/94	
00-782-2627	400-87-C-5244	46	02/88	Updated,	04/94	
00-782-2627	400-87-C-5244	65	00/00	Updated,	01/95	
00-782-2627	400-87-C-5405	41	11/87	Updated,	06/94	
00-782-2627	400-87-C-5405	42	11/87	Updated,	05/93	
00-782-2627	400-88-C-5277	195	10/88	Updated,	05/94	
00-782-2627	400-88-C-5277	196	10/88	Updated,	05/94	
00-782-2627	400-88-C-5277	200	01/89	Updated,	02/95	
00-782-2627	400-88-C-5277	201	01/89	Updated,	02/95	
00-782-2627	400-88-C-5314	C4603	11/88	Updated,	04/94	
00-782-2627	400-88-C-5346	25	11/88	Updated,	01/95	
00-782-2627	400-90-C-5145	209	07/90	Updated,	12/95	
00-782-2627	400-90-C-5145	210	07/90	Updated,	12/95	

00-782-2627	400-90-C-5208	C4789	06/90	Updated, 12/95	
00-782-2627	400-90-C-5209	C4788	06/90	Updated, 12/95	
00-782-2627	400-90-C-5407	J03206C	12/90	Updated, 11/94	
00-782-2627	400-91-C-2627	123	01/91	Updated, 01/94	
00-782-2627	400-91-C-5135	124	02/91	Updated, 02/94	
00-782-2627	451-92-D-8060	C4898	02/93	Updated, 02/95	
00-782-2627	451-92-D-8060	K04599	12/92	Updated, 12/95	
00-782-2627	600-69-C-1277	9	05/69	Failed, condemned	
00-782-2627	600-71-C-1075	19	05/71	Failed, condemned	
00-782-2627	600-71-C-1075	21	05/71	Failed, condemned	
00-782-2627	600-71-C-1883	75	06/71	Failed, condemned	
00-782-2627	600-71-C-1883	78	07/71	Failed, condemned	
00-782-2627	600-71-C-1884	24	05/71	Failed, condemned	
00-782-2627	600-71-C-1884	25	08/71	Failed, condemned	
00-782-2627	600-71-C-1884	26	08/71	Failed, condemned	
00-782-2627	600-71-C-1884	27	08/71	Failed, condemned	
00-782-2627	600-72-C-0985	29	11/71	Failed, condemned	
00-782-2627	600-72-C-0985	30	11/71	Failed, condemned	
00-782-2627	600-72-C-0985	31	11/71	Failed, condemned	
00-782-2627	600-72-C-1329	1	03/72	Failed, condemned,	1987
00-782-2627	600-72-C-1329	1	05/72	Failed, condemned	
00-782-2627	600-72-C-1329	3	05/72	Failed, condemned	
00-782-2627	600-72-C-1781	3	08/72	Failed, condemned	
00-782-2627	600-72-C-1781	4	08/72	Failed, condemned	
00-782-2627	600-72-C-1781	5	08/72	Failed, condemned	
00-782-2627	600-72-C-1782	79	09/72	Failed, condemned	
00-782-2627	600-73-C-1194	1R	11/72	Failed, condemned	
00-782-2627	600-73-C-1196	92	11/72	Failed, condemned	
00-782-2627	600-73-C-1480	2	11/73	Failed, condemned	
00-782-2627	600-73-C-1481	7	02/73	Failed, condemned	
00-782-2627	600-73-C-1481	8	05/73	Failed, condemned	
00-782-2627	600-73-C-1591	4	05/73	Failed, condemned	
00-782-2627	600-73-C-1593	80	07/73	Failed, condemned	
00-782-2627	600-74-C-1206	6	11/73	Failed, condemned	
00-782-2627	600-74-C-1206	7	11/73	Failed, condemned,	1985
00-782-2627	600-74-C-1344	8	02/74	Failed, condemned	
00-782-2627	600-74-C-1345	2	03/74	Failed, condemned	
00-782-2627	600-75-C-1158	13	11/74	Failed, condemned	
00-782-2627	600-75-C-1158	14	11/74	Failed, condemned	
00-782-2627	600-75-C-1158	15	11/74	Failed, condemned	
00-782-2627	600-75-C-1158	16	11/74	Failed, condemned	
00-782-2627	600-75-C-1354	17	02/75	Failed, condemned	
00-782-2627	600-75-C-1354	18	02/75	Failed, condemned	
00-782-2627	600-75-C-1738	21	08/75	Failed, condemned	
00-782-2627	600-75-C-1738	22	08/75	Failed, condemned	
00-782-2627	600-75-C-1739	6	07/75	Failed, condemned	
00-782-2627	600-76-C-1101	11	12/75	Failed, condemned	
00-782-2627	600-76-C-1101	13	01/76	Failed, condemned	
00-782-2627	600-76-C-1102	23	11/75	Failed, condemned	
00-782-2627	600-76-C-1102	24	11/75	Failed, condemned	
00-782-2627	600-76-C-1295	25	02/76	Failed, condemned	
00-782-2627	600-76-C-1295	26	02/76	Failed, condemned	

00-782-2627	600-76-C-1295	27	02/76	Failed, condemned	
00-782-2627	600-76-C-1499	4475	02/76	Failed, condemned	
00-782-2627	600-76-C-1619	16	06/76	Failed, condemned,	1986
00-782-2627	600-76-C-1738	28	05/76	Failed, condemned	
00-782-2627	600-76-C-2116	19	11/76	Failed, condemned	
00-782-2627	600-76-C-4834	31	08/76	Failed, condemned	
00-782-2627	600-76-C-4834	32	11/76	Failed, condemned	
00-782-2627	600-76-C-4834	33	11/76	Failed, condemned	
00-782-2627	600-77-C-0634	20	03/77	Failed, condemned	
00-782-2627	600-77-C-0634	23	07/77	Failed, condemned	
00-782-2627	600-77-C-0677	33	11/76	Failed, condemned	
00-782-2627	600-77-C-0677	34	02/77	Failed, condemned	
00-782-2627	600-77-C-0944	24	07/77	Updated, 08/93	
00-782-2627	600-77-C-0944	25	09/77	Failed, condemned	
00-782-2627	600-77-C-0944	26	11/77	Failed, condemned	
00-782-2627	600-77-C-0945	35	05/77	Failed, condemned	
00-782-2627	600-77-C-0945	36	08/77	Failed, condemned	
00-782-2627	600-77-C-0945	38	11/77	Failed, condemned	
00-782-2627	600-78-C-0690	40	02/78	Failed, condemned	
00-782-2627	600-78-C-0690	41	02/78	Failed, condemned	
00-782-2627	600-78-C-0691	28	02/78	Failed, condemned	
00-782-2627	600-78-C-0940	32	05/78	Failed, condemned,	1987
00-782-2627	600-78-C-0940	33	00/00	Updated, 05/96	
00-782-2627	600-78-C-0940	38	00/00	Updated, 03/96	
00-782-2627	600-78-C-0941	2	08/78	Failed, condemned	
00-782-2627	600-78-C-0941	3	08/78	Failed, condemned	
00-782-2627	600-78-C-0941	4806	08/78	Failed, condemned	
00-782-2627	600-78-C-0941	4854	11/78	Failed, condemned	
00-782-2627	600-78-C-1305	41	11/78	Updated, 08/94	
00-782-2627	600-78-C-1498	44	12/78	Failed, condemned	
00-782-2627	600-78-C-1499	FRA1	05/79	Failed, condemned,	1988
00-782-2627	600-78-C-1499	FRM1	02/79	Failed, condemned	
00-782-2627	600-79-C-0572	47	02/79	Updated, 05/93	
00-782-2627	600-79-C-0836	50	03/79	Updated, 01/96	
00-782-2627	600-79-C-0836	51	04/79	Updated, 08/94	
00-782-2627	600-79-C-0836	52	04/79	Failed, condemned	
00-782-2627	600-79-C-0916	8	05/79	Failed, condemned	
00-782-2627	600-79-C-0916	FRU1	05/79	Failed, condemned	
00-782-2627	600-79-C-1125	55	07/79	Updated, 06/93	
00-782-2627	600-79-C-1125	57	07/79	Failed, condemned	
00-782-2627	600-79-C-1577	59	11/79	Updated, 04/95	
00-782-2627	600-79-C-1577	60	11/79	Failed, condemned,	1988
00-782-2627	600-79-C-1577	61	11/79	Failed, condemned	
00-782-2627	600-79-C-1577	64	01/80	Failed, condemned,	1992
00-782-2627	600-79-C-1577	66	01/80	Updated, 02/95	
00-782-2627	600-79-C-1577	67	01/80	Updated, 08/94	
00-782-2627	600-79-C-1577	68	01/80	Updated, 07/94	
00-782-2627	600-79-C-1577	72	02/80	Updated, 12/94	
00-782-2627	600-80-C-0907	74	05/80	Failed, condemned,	1993
00-782-2627	600-80-C-0907	75	05/80	Failed, condemned,	1991
00-782-2627	600-80-C-0907	76	05/80	Failed, condemned	
00-782-2627	600-80-C-0907	77	05/80	Failed, condemned	



00-782-2627	600-80-C-0907	78	06/80	Updated, 05/94	
00-782-2627	600-80-C-0907	79	06/80	Updated, 05/94	
00-782-2627	600-80-C-0907	80	06/80	Updated, 11/94	
00-782-2627	600-80-C-0907	81	06/80	Failed, condemned,	1988
00-782-2627	600-80-C-0907	82	06/80	Failed, condemned	
00-782-2627	600-80-C-0907	83	06/80	Failed, condemned,	1991
00-782-2627	600-80-C-0907	84	08/80	Updated, 11/94	
00-782-2627	600-80-C-0907	85	08/80	Updated, 05/94	
00-782-2627	600-80-C-0907	87	09/80	Failed, condemned,	1990
00-782-2627	600-80-C-1337	12	10/80	Failed, condemned,	1987
00-782-2627	600-80-C-1337	88	09/80	Failed, condemned,	1991
00-782-2627	600-80-C-1337	89	09/80	Failed, condemned,	1988
00-782-2627	600-80-C-1337	90	10/80	Failed, condemned,	1987
00-782-2627	600-80-C-1337	91	10/80	Failed, condemned,	1989
00-782-2627	600-80-C-1337	92	00/00	Failed, condemned,	1991
00-782-2627	600-80-C-1380	12	05/81	Failed, condemned,	1987
00-782-2627	600-80-C-1381	100	02/81	Failed, condemned,	1988
00-782-2627	600-80-C-1381	92	11/80	Failed, condemned,	1988
00-782-2627	600-80-C-1381	95	12/80	Failed, condemned,	1992
00-782-2627	600-80-C-1381	96	12/80	Updated, 06/95	
00-782-2627	600-80-C-1381	97	02/81	Failed, condemned,	1988
00-782-2627	600-80-C-1381	98	02/81	Updated, 06/94	
00-782-2627	600-80-C-1381	99	02/81	Failed, condemned,	1989
00-782-2627	600-81-C-0792	101	03/81	Failed, condemned,	1989
00-782-2627	600-81-C-0792	102	03/81	Failed, condemned,	1986
00-782-2627	600-81-C-0792	103	03/81	Failed, condemned,	1985
00-782-2627	600-81-C-0792	104	04/81	Failed, condemned,	1990
00-782-2627	600-81-C-0792	105	04/81	Updated, 03/96	
00-782-2627	600-81-C-0792	106	04/81	Updated, 07/93	
00-782-2627	600-81-C-0792	107	04/81	Failed, condemned,	1991
00-782-2627	600-81-C-0792	108	06/81	Failed, condemned,	1988
00-782-2627	600-81-C-0792	109	05/81	Failed, condemned,	1986
00-782-2627	600-81-C-0792	116	06/81	Failed, condemned,	1988
00-782-2627	600-81-C-0793	8	02/81	Failed, condemned	
00-782-2627	600-81-C-1129	117	09/81	Updated, 10/95	
00-782-2627	600-81-C-1129	118	09/81	Updated, 11/94	
00-782-2627	600-81-C-1129	119	11/81	Failed, condemned,	1986
00-782-2627	600-81-C-1129	123	01/82	Failed, condemned,	1988
00-782-2627	600-81-C-1130	10	08/81	Failed, condemned	
00-782-2627	600-82-C-1238	2753L1	12/82	Failed, condemned	
00-782-2627	600-82-C-1463	15	11/82	Failed, condemned,	1988
00-782-2627	600-82-C-1464	10	02/83	Updated, 12/94	
00-782-2627	600-83-C-0810	134	04/83	Updated, 12/94	
00-782-2627	600-83-C-0810	137	07/83	Updated, 11/94	
00-782-2627	600-83-C-0810	139	04/83	Updated, 11/94	
00-782-2627	600-83-C-0977	12	05/83	Updated, 08/94	
00-782-2627	600-83-C-0977	13	08/83	Updated, 08/95	
00-782-2627	600-83-C-1029	95	08/83	Updated, 05/94	
00-782-2627	600-83-C-1029	98	08/83	Updated, 01/95	
00-782-2679	400-85-C-F025	158	11/84	Updated, 09/93	
00-782-2679	400-87-C-8587	J01015	11/87	Updated, 10/93	
00-782-2679	400-89-C-5070	B02396	03/89	Updated, 05/95	

00-782-2679	600-81-C-1130	9	05/81	Failed, condemned,	1985
00-782-2679	600-83-C-1233	16	02/84	Updated, 10/93	

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00-190-0904	400-86-C-5067	260060486	02/86	Failed, condemned,	1990
00-190-0904	400-87-C-2122	760861287	08/87	Failed, condemned,	1989
00-190-0904	400-87-D-0046	462788	05/88	Updated, 05/94	
00-190-0904	400-87-M-H125	561987	05/87	Failed, condemned,	1988
00-190-0904	400-88-M-6703	360060188	05/88	Updated, 04/94	
00-190-0904	400-88-M-6723	360060188	05/88	Updated, 06/94	
00-190-0904	600-72-C-1487	53	05/72	Failed, condemned,	1986
00-190-0904	600-79-C-1067	1	05/79	Failed, condemned,	1987
00-190-0904	600-82-C-0980	410082	05/82	Failed, condemned,	1988
00-190-0904	600-82-C-0980	410782	05/82	Failed, condemned,	1987
00-190-0905	400-84-C-F116	736084	08/84	Failed, condemned,	1990
00-190-0905	400-85-C-5358	660061485	05/85	Failed, condemned,	1988
00-190-0905	400-87-C-5210	260063187	03/87	Updated, 02/95	
00-190-0905	400-87-C-5257	560061887	05/87	Updated, 06/93	
00-190-0905	400-87-C-5507	1060061687	11/87	Updated, 05/94	
00-190-0905	600-75-C-1207	112	11/74	Failed, condemned,	1991
00-190-0907	400-84-D-0042	1113584121	11/84	Failed, condemned,	1986
00-190-0907	400-85-D-0049	102785	11/85	Failed, condemned,	1989
00-190-0907	400-85-D-0049	1260085	11/85	Failed, condemned	
00-190-0907	400-85-D-0049	1261885	11/85	Failed, condemned,	1992
00-190-0907	400-85-D-0049	164086	02/86	Failed, condemned,	1988
00-190-0907	400-85-D-0049	164386	00/00	Failed, condemned,	1990
00-190-0907	400-85-D-0049	863185	08/85	Failed, condemned	
00-190-0907	400-85-D-0049	865785	08/85	Failed, condemned,	1988
00-190-0907	400-85-D-0049	961985	08/85	Failed, condemned,	1988
00-190-0907	400-85-D-0049	962985	00/00	Failed, condemned,	1987
00-190-0907	400-86-D-0035	1261686	11/86	Failed, condemned,	1992
00-190-0907	400-86-D-0035	161887	00/00	Failed, condemned,	1989
00-190-0907	400-86-D-0035	660486	05/86	Failed, condemned,	1988
00-190-0907	400-86-M-A419	265286	02/86	Failed, condemned,	1988
00-190-0907	400-87-C-0046	661587	06/87	Updated, 12/93	
00-190-0907	400-88-D-0089	165589	00/00	Failed, condemned,	1992
00-190-0907	600-78-C-1346	7435C	08/78	Updated, 04/94	
00-190-0907	600-78-D-1752	K26W812	00/00	Failed, condemned,	1987
00-190-0907	600-81-C-1809	8070042	00/00	Failed, condemned,	1988
00-190-0907	600-81-D-1609	319022	02/82	Failed, condemned,	1986
00-190-0907	600-81-D-1609	415032	02/82	Updated, 03/94	
00-190-0907	600-81-D-1609	602042	05/82	Failed, condemned,	1987
00-190-0907	600-81-D-1609	JD021	00/00	Failed, condemned,	1987
00-190-0907	600-82-D-1500	210112483	02/83	Updated, 02/94	
00-190-0907	600-82-D-1509	276013	02/83	Failed, condemned,	1987
00-190-0907	600-83-D-1400	3265084	00/00	Failed, condemned,	1986
00-190-0907	600-83-D-1400	611083	08/81	Failed, condemned,	1986
00-190-0907	600-83-D-1406	038084	00/00	Failed, condemned,	1987
00-190-0907	600-83-D-1406	075044	02/84	Failed, condemned,	1988
00-190-0907	600-83-D-1406	098084	08/84	Failed, condemned,	1987
00-190-0907	600-83-D-1406	249094	08/84	Failed, condemned,	1986
00-190-0907	600-83-D-1406	956084	08/84	Failed, condemned,	1987



00-190-0907	600-83-D-1406	JD001	00/00	Failed, condemned,	1987
00-530-7369	400-84-C-F162	9304284	08/84	Failed, condemned,	1986
00-530-7369	400-85-D-0035	863086	08/86	Failed, condemned,	1987
00-530-7369	400-85-D-0049	264386	02/86	Failed, condemned,	1988
00-530-7369	400-85-D-0049	864785	08/85	Failed, condemned,	1990
00-530-7369	400-85-D-0049	962385	08/85	Failed, condemned,	1989
00-530-7369	400-86-D-0035	361187	02/87	Failed, condemned,	1989
00-530-7369	400-86-D-0035	960586	00/00	Failed, condemned,	1990
00-530-7369	400-87-D-0046	161088	00/00	Updated, 04/94	
00-530-7369	400-87-D-0046	960687	08/87	Updated, 06/94	
00-530-7369	400-87-D-0049	B70993J23	08/87	Updated, 06/94	
00-530-7369	400-88-D-0089	160489	01/89	Updated, 03/94	
00-530-7369	400-88-D-0089	OLA463488	00/00	Updated, 07/94	
00-530-7369	600-78-C-0741	815	00/00	Failed, condemned	
00-530-7369	600-78-C-0741	826	02/78	Failed, condemned,	1988
00-530-7369	600-80-D-1305	MAR81194	05/81	Failed, condemned,	1988
00-530-7369	600-83-D-1400	211411984	00/00	Failed, condemned,	1987
00-935-1017	400-84-C-F025	510111384	05/84	Failed, condemned,	1986
00-935-1017	400-85-C-1753	760060885	07/85	Failed, condemned,	1989
00-935-1017	400-85-C-1753	960060885	11/85	Failed, condemned,	1989
00-935-1017	400-86-C-2149	B6001	11/88	Updated, 11/93	
00-935-1017	400-86-C-2149	B6002	11/85	Updated, 06/93	
00-935-1017	400-86-C-2149	B6003	11/86	Updated, 03/95	
00-935-1017	400-86-C-2149	B6004	11/86	Updated, 07/94	
00-935-1017	400-86-C-2149	B6005	11/88	Updated, 12/93	
00-935-1017	400-86-C-2149	OLA6006	11/86	Failed, condemned,	1989
00-935-1017	400-86-C-2149	OLA611907	11/86	Failed, condemned,	1988
00-935-1017	400-86-C-2149	OLA611908	11/86	Failed, condemned,	1989
00-935-1017	400-87-C-2142	760060787	08/87	Updated, 11/93	
00-935-1017	400-88-C-0346	M7703	05/88	Failed, condemned,	1993
00-935-1017	400-89-C-0176	260060589	02/89	Updated, 04/94	

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01-197-7689	400-90-C-5064	260090	02/90	Failed, condemned,	1992
01-197-7689	400-90-C-5064	260390	02/90	Updated, 05/94	
01-197-7689	400-90-C-5064	260490	02/90	Failed, condemned,	1992
01-197-7689	400-90-C-5064	260790	00/00	Updated, 02/94	
01-197-7689	400-90-C-5064	261090	02/90	Updated, 03/94	
01-197-7689	400-90-C-5064	261190	05/90	Updated, 07/94	
01-197-7689	400-90-C-5064	261290	05/90	Updated, 01/95	
01-197-7689	400-90-C-5064	261390	05/90	Updated, 02/94	
01-197-7689	400-91-C-5019	OLA101249	02/91	Updated, 01/95	
01-197-7689	400-91-C-5019	OLA102076	02/91	Failed but updated,	02/95
01-197-7690	400-91-C-5053	OLA012147	01/91	Failed, condemned,	1993
01-197-7690	400-91-C-5053	OLA012148	01/91	Failed, condemned,	1993
01-197-7690	400-91-C-5053	OLA012149	01/91	Updated, 02/95	
01-197-7690	400-91-C-5053	OLA101010	01/91	Failed but updated,	02/95
01-197-7690	400-91-C-5285	OLA104091	04/91	Updated, 02/95	
01-197-7690	400-91-C-5285	OLA104098	04/91	Failed but updated,	04/95
01-197-7690	400-91-C-5285	OLA105067	04/91	Updated, 04/95	
01-197-7690	400-91-C-5285	OLA105068	05/91	Updated, 05/95	
01-197-7691	400-89-D-0073	OLA001243	02/90	Failed, condemned,	1993

01-197-7691	400-89-D-0073	OLA004045	00/00	Failed, condemned,	1992
01-197-7691	400-89-D-0073	OLA005085	00/00	Updated,	07/94
01-197-7691	400-90-D-0002	OLA004194	05/90	Failed, condemned,	1992
01-197-7691	400-90-D-0002	OLA005082	00/00	Failed, condemned,	1992
01-197-7692	400-89-D-0017	OLA103108	00/00	Failed, condemned,	1993
01-197-7692	400-89-D-0073	OLA001074	02/90	Failed but updated,	12/94
01-197-7692	400-89-D-0073	OLA001157	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA001158	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA001211	02/90	Updated,	04/94
01-197-7692	400-89-D-0073	OLA001212	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA001213	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA001241	02/90	Failed, condemned,	1992
01-197-7692	400-89-D-0073	OLA002024	02/90	Updated,	03/94
01-197-7692	400-89-D-0073	OLA002029	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA002153	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA002154	02/90	Failed, condemned,	1992
01-197-7692	400-89-D-0073	OLA002155	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA002194	02/90	Failed, condemned,	1992
01-197-7692	400-89-D-0073	OLA002197	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA003047	02/90	Updated,	03/94
01-197-7692	400-89-D-0073	OLA003086	02/90	Updated,	01/94
01-197-7692	400-89-D-0073	OLA003087	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA003122	02/90	Failed, condemned,	1992
01-197-7692	400-89-D-0073	OLA003194	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA003195	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA003197	00/00	Failed, condemned	
01-197-7692	400-89-D-0073	OLA911025	11/89	Failed but updated,	12/94
01-197-7692	400-89-D-0073	OLA911106	11/89	Failed, condemned,	1992
01-197-7692	400-89-D-0073	OLA912053	11/89	Updated,	03/94
01-197-7692	400-90-D-0002	OLA003282	00/00	Failed, condemned,	1992
01-197-7692	400-90-D-0002	OLA004043	00/00	Failed, condemned,	1992
01-197-7692	400-90-D-0002	OLA004196	00/00	Failed, condemned,	1992
01-197-7692	400-90-D-0002	OLA004197	05/90	Failed, condemned,	1992
01-197-7692	400-91-D-0017	OLA101251	02/91	Failed but updated,	05/95
01-197-7692	400-91-D-0017	OLA104007	04/91	Updated,	04/95
01-197-7692	400-91-D-0107	OLA103107	03/91	Updated,	12/94
01-197-7693	400-89-C-5340	OLA006031	08/90	Updated,	07/94
01-197-7693	400-89-C-5390	001	00/00	Updated,	10/94
01-197-7693	400-89-C-5390	OLA006027	00/00	Failed, condemned,	1992
01-197-7693	400-89-C-5390	OLA006028	08/90	Failed, condemned,	1992
01-197-7693	400-89-C-5390	OLA006029	08/90	Updated,	07/94
01-197-7693	400-89-C-5390	OLA006031	00/00	Updated,	07/94
01-197-7693	400-89-C-5390	OLA006032	08/90	Updated,	10/94
01-197-7693	400-89-C-5390	OLA006035	08/90	Failed, condemned,	1992
01-197-7693	400-89-C-5390	OLA006036	08/90	Failed, condemned,	1992
01-197-7693	400-89-C-5390	OLA006037	08/90	Failed, condemned,	1992
01-197-7693	400-89-C-5390	OLA006038	08/90	Updated,	07/94
01-197-7693	400-89-C-5390	OLA006039	08/90	Failed but updated,	04/95
01-197-7693	400-89-C-5390	OLA006040	08/90	Failed, condemned,	1992
01-197-7693	400-89-C-5390	OLA006041	08/90	Failed, condemned,	1992
01-197-7693	400-89-C-5390	OLA006042	08/90	Failed, condemned,	1992
01-197-7693	400-89-C-5390	OLA006043	08/90	Updated,	08/94

01-197-7693	400-89-C-5390	OLA006056	08/90	Failed, condemned,	1992
01-197-7693	400-89-C-5390	OLA101138	02/91	Failed but updated,	04/95
01-197-7693	400-89-C-5390	OLA101139	02/91	Updated,	01/95
01-197-7693	400-89-C-5390	OLA101140	02/91	Failed but updated,	02/95
01-197-7693	400-90-C-0820	1	05/90	Updated,	06/94
01-197-7693	400-90-C-0820	2	05/90	Updated,	06/94
01-197-7693	400-90-C-0820	3	05/90	Failed, condemned,	1992
01-197-7693	400-90-D-0002	OLA004196	05/90	Failed, condemned,	1992

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00-223-4004	400-85-C-5615	31	11/85	Updated,	03/94
00-223-4004	400-86-C-1389	729056	05/86	Failed, condemned,	1991
00-223-4004	400-86-C-3426	041017441096	02/87	Updated,	08/93
00-223-4004	400-86-C-3426	720056	11/86	Updated,	11/93
00-223-4004	400-88-M-S176	G1949M	08/88	Failed but updated,	08/94
00-223-4004	400-89-C-1720	102489	10/89	Updated,	08/93
00-223-4004	400-89-M-4287	891	02/89	Updated,	02/95
00-223-4004	400-90-C-0951	903	08/90	Updated,	07/93
00-223-4004	400-91-C-5171	911	02/91	Updated,	03/94
00-223-4004	400-91-C-5171	912	02/91	Updated,	04/94
00-223-4004	400-91-C-5171	913	05/91	Updated,	04/95
00-223-4004	400-91-C-5171	914	05/91	Updated,	07/94
00-223-4004	600-80-C-0789	446010	01/80	Failed, condemned,	1986
00-754-2595	400-81-C-0984	95	00/00	Failed, condemned	
00-754-2595	400-85-C-5615	33	02/86	Updated,	04/95
00-754-2595	400-86-C-1833	749056	00/00	Failed, condemned,	1988
00-754-2595	400-87-C-2131	2010058	05/88	Updated,	02/94
00-754-2595	400-87-C-2131	3104077	11/87	Updated,	09/93
00-754-2595	400-87-C-2131	3525087	11/87	Updated,	11/93
00-754-2595	400-88-C-1175	2966078	08/88	Updated,	06/94
00-754-2595	400-89-C-1600	897	11/89	Updated,	10/93
00-754-2595	400-89-C-1600	898	11/89	Updated,	10/93
00-754-2595	400-89-C-1600	899	02/90	Updated,	03/94
00-754-2595	400-90-C-0668	902	05/90	Updated,	04/94
00-754-2595	400-90-C-1303	904	08/90	Updated,	08/93
00-754-2595	400-90-C-1303	905	08/90	Updated,	01/95
00-754-2595	400-91-C-0580	146541	05/91	Updated,	02/95
00-754-2595	400-91-C-1910	0241012	02/92	Updated,	03/95
00-754-2595	400-91-C-1910	0383012	02/92	Updated,	03/95
00-935-4018	400-85-C-1022	25	05/85	Failed, condemned,	1990
00-935-4018	400-87-C-1389	2069057	09/87	Updated,	03/94
00-935-4018	400-88-M-T090	83088G	08/88	Updated,	07/93
00-935-4018	400-89-C-1953	8910	02/90	Updated,	05/94
00-935-4018	400-89-C-1953	899	02/90	Updated,	02/94
00-935-4018	400-89-C-1953	901	05/90	Failed, condemned,	1992
00-935-4018	400-90-C-1156	3233080	08/90	Updated,	09/94
00-935-4018	600-83-C-1352	13	11/83	Failed, condemned,	1985
00-965-2003	400-84-C-F093	17	00/00	Updated,	08/94
00-965-2003	400-85-C-1574	28	05/85	Updated,	09/93
00-965-2003	400-85-C-1574	29	08/85	Updated,	11/94
00-965-2003	400-86-C-5345	36	00/00	Updated,	08/93
00-965-2003	400-87-C-0435	1382047	05/87	Updated,	09/94

00-965-2003	400-89-C-1357	894	11/89	Updated, 05/94
00-965-2003	400-89-C-1357	896	00/00	Updated, 08/94
00-965-2003	400-89-M-8180	892	05/89	Updated, 03/94
00-965-2003	400-90-C-0460	902	05/90	Updated, 04/95
00-965-2003	400-90-C-1234	2953070	08/90	Updated, 05/94
00-965-2003	400-91-M-B120	915	06/91	Updated, 07/94
00-965-2003	400-92-C-0120	917	12/91	Updated, 01/95
00-965-2003	600-81-C-0854	474021	02/81	Updated, 08/93

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00-111-0208	400-86-D-0080	871109	04/87	Failed, condemned, 1989
00-111-0208	400-89-D-0111	003	11/89	Updated, 01/94
00-111-0208	400-89-D-0111	088	05/90	Updated, 06/94
00-111-0208	400-89-D-0111	139	00/00	Updated, 08/94
00-111-0208	600-79-C-0900	5409	00/00	Updated, 07/93
00-111-0208	600-79-C-1158	5409	05/79	Updated, 10/93
00-111-0209	400-90-C-0076	265	00/00	Updated, 11/94
00-111-0209	400-91-C-5124	377	05/91	Updated, 04/95
00-111-0209	600-83-D-1180	K1683	11/83	Updated, 02/95
00-111-0209	600-83-D-1186	7199	00/00	Updated, 04/95
00-111-0210	400-87-D-0067	969161	04/88	Updated, 06/94
00-111-0210	400-89-D-0111	065	00/00	Updated, 02/94
00-111-0211	400-84-D-0079	3	05/85	Updated, 02/94
00-111-3199	400-90-D-0076	217	11/90	Updated, 03/95

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00-180-6266	400-85-C-5580	99	11/85	Failed, condemned, 1992
00-180-6266	400-86-C-5250	1H	05/86	Updated, 08/95
00-180-6266	400-86-C-5250	1K	05/87	Updated, 11/95
00-180-6266	400-88-C-5369	22	11/88	Updated, 11/94
00-180-6266	400-89-C-5201	38	05/89	Updated, 03/95
00-180-6266	400-89-C-5399	6D	08/90	Updated, 02/96
00-180-6266	600-80-C-1179	GRD1	02/81	Updated, 06/93
00-180-6266	600-80-C-1179	HRJ1	02/81	Failed, condemned, 1991
00-180-6266	600-83-C-1376	75	11/83	Failed, condemned, 1991
00-681-5999	400-84-C-F076	OON68	00/00	Failed, condemned, 1992
00-681-5999	400-84-C-F117	Q2T83	08/84	Updated, 11/93
00-681-5999	400-85-C-5548	064LI	11/85	Failed, condemned, 1989
00-681-5999	400-86-C-5409	169	05/86	Updated, 09/95
00-681-5999	400-87-C-5525	K01041	11/87	Updated, 04/94
00-681-5999	400-88-C-5117	B01535	03/88	Updated, 12/93
00-681-5999	400-88-C-5117	F01949	06/88	Updated, 05/93
00-681-5999	400-89-C-5362	K02732	00/00	Updated, 03/96
00-681-5999	600-81-C-0919	51	02/81	Updated, 10/94
00-681-5999	600-82-C-0745	OM585	02/82	Failed, condemned, 1986
00-985-7099	400-84-C-F076	17	00/00	Updated, 06/95
00-985-7099	400-84-C-F077	82	00/00	Updated, 01/96
00-985-7099	400-84-C-F078	15	05/84	Failed, condemned
00-985-7099	400-85-C-5266	92	05/85	Updated, 05/94
00-985-7099	400-85-C-5266	93	05/85	Failed, condemned, 1992
00-985-7099	400-85-C-5266	94	05/85	Updated, 04/94
00-985-7099	400-85-C-5580	46	11/85	Updated, 10/94

00-985-7099	400-85-C-5580	60	08/85	Failed, condemned,	1992
00-985-7099	400-85-C-5580	60A	11/85	Updated,	02/95
00-985-7099	400-86-C-0669	83	05/87	Updated,	08/94
00-985-7099	400-86-C-5032	1E	02/86	Updated,	06/95
00-985-7099	400-86-C-5032	1J	05/86	Updated,	11/94
00-985-7099	400-86-C-5032	1K	05/86	Updated,	03/95
00-985-7099	400-86-C-5032	55	05/86	Updated,	07/94
00-985-7099	400-86-C-5032	59	05/86	Updated,	12/94
00-985-7099	400-86-C-5032	64	08/85	Updated,	02/96
00-985-7099	400-86-C-5047	1D	02/86	Updated,	10/94
00-985-7099	400-86-C-5047	1G	02/86	Updated,	02/95
00-985-7099	400-86-C-5047	1H	05/86	Updated,	02/95
00-985-7099	400-86-C-5409	171	07/86	Failed, condemned,	1992
00-985-7099	400-86-C-5409	172	07/86	Updated,	11/94
00-985-7099	400-86-C-5409	175	07/86	Updated,	04/96
00-985-7099	400-86-C-5409	176	07/86	Updated,	03/95
00-985-7099	400-86-C-5409	177	07/86	Updated,	11/95
00-985-7099	400-86-C-5629	1R	11/86	Updated,	07/95
00-985-7099	400-86-C-5629	1S	02/87	Updated,	07/94
00-985-7099	400-86-C-5629	76	02/87	Updated,	02/96
00-985-7099	400-86-C-5629	80	02/87	Updated,	07/95
00-985-7099	400-87-C-5142	1Z	08/87	Updated,	12/93
00-985-7099	400-87-C-5142	2A	08/87	Failed, condemned,	1990
00-985-7099	400-87-C-5142	2B	08/87	Failed, condemned,	1990
00-985-7099	400-87-C-5142	31	09/87	Failed, condemned,	1990
00-985-7099	400-87-C-5142	4	08/87	Updated,	02/95
00-985-7099	400-87-C-5222	1W	05/87	Updated,	12/95
00-985-7099	400-87-C-5222	1X	08/87	Updated,	11/94
00-985-7099	400-87-C-5222	1Y	08/87	Updated,	12/93
00-985-7099	400-87-C-5480	2E	11/87	Updated,	05/94
00-985-7099	400-87-C-5480	2F	11/87	Updated,	05/96
00-985-7099	400-87-C-5480	2G	02/88	Updated,	05/96
00-985-7099	400-87-C-5480	2J	02/88	Updated,	04/94
00-985-7099	400-87-C-5480	2M	02/88	Updated,	02/94
00-985-7099	400-87-C-5480	2N	02/88	Updated,	05/94
00-985-7099	400-87-C-5480	2P	05/88	Updated,	06/94
00-985-7099	400-87-C-5480	2Q	05/88	Updated,	07/94
00-985-7099	400-87-C-5480	2R	05/88	Updated,	11/94
00-985-7099	400-88-C-5108	189	04/88	Failed, condemned,	1991
00-985-7099	400-88-C-5108	190	04/88	Updated,	06/94
00-985-7099	400-88-C-5108	191	04/88	Updated,	03/94
00-985-7099	400-88-C-5108	192	04/88	Updated,	06/94
00-985-7099	400-88-C-5108	193	04/88	Updated,	03/94
00-985-7099	400-88-C-5108	194	04/88	Failed, condemned,	1991
00-985-7099	400-88-C-5117	F01949	05/88	Updated,	05/93
00-985-7099	400-88-C-5210	C4584	08/88	Updated,	11/94
00-985-7099	400-88-C-5210	C4584A	08/88	Updated,	09/94
00-985-7099	400-88-C-5210	C4584B	08/88	Updated,	12/94
00-985-7099	400-88-C-5210	C4584C	08/88	Updated,	10/94
00-985-7099	400-88-C-5210	C4584D	08/88	Updated,	12/94
00-985-7099	400-88-C-5210	C4584E	08/88	Updated,	07/94
00-985-7099	400-88-C-5210	C4584F	08/88	Updated,	08/94

00-985-7099	400-88-C-5210	C4584G	08/88	Updated,	08/94	
00-985-7099	400-88-C-5210	C4584H	08/88	Updated,	09/94	
00-985-7099	400-88-C-5210	C4584I	08/88	Updated,	08/94	
00-985-7099	400-88-C-5210	C4597	11/88	Updated,	02/95	
00-985-7099	400-88-C-5210	C4598	11/88	Updated,	04/95	
00-985-7099	400-89-C-5006	A02375	05/89	Updated,	06/95	
00-985-7099	400-89-C-5006	B02384	05/89	Updated,	02/95	
00-985-7099	400-89-C-5006	C4605	11/88	Updated,	01/95	
00-985-7099	400-89-C-5006	C4609	02/89	Updated,	11/94	
00-985-7099	400-89-C-5315	C4770	02/90	Updated,	03/96	
00-985-7099	400-89-C-5315	C4770B	02/90	Updated,	03/96	
00-985-7099	400-89-C-5315	J02721	11/89	Updated,	11/94	
00-985-7099	400-90-C-5210	C4807B	11/90	Updated,	12/95	
00-985-7099	400-90-C-5346	493	08/90	Updated,	01/96	
00-985-7099	400-90-C-5402	C4817	02/91	Updated,	03/95	
00-985-7099	400-91-C-5130	1N	05/91	Updated,	12/95	
00-985-7099	400-91-C-5130	3M	05/91	Updated,	03/96	
00-985-7099	400-91-C-5130	C4837	05/91	Updated,	03/95	
00-985-7099	400-91-C-5130	C4837A	05/91	Updated,	03/95	
00-985-7099	600-72-C-0989	6	11/71	Failed,	condemned	
00-985-7099	600-72-C-1863	12	10/72	Failed,	condemned	
00-985-7099	600-73-C-1254	17	01/73	Failed,	condemned	
00-985-7099	600-73-C-1496	5	04/73	Failed,	condemned	
00-985-7099	600-73-C-1719	14	09/73	Failed,	condemned	
00-985-7099	600-73-C-1719	8	08/73	Failed,	condemned	
00-985-7099	600-74-C-1318	11	05/74	Failed,	condemned,	1987
00-985-7099	600-74-C-1613	12	06/74	Failed,	condemned,	1985
00-985-7099	600-74-C-1731	13	08/74	Failed,	condemned,	1987
00-985-7099	600-74-C-1731	14	09/74	Failed,	condemned,	1987
00-985-7099	600-75-C-1103	15	11/74	Failed,	condemned	
00-985-7099	600-75-C-1103	16	11/74	Failed,	condemned	
00-985-7099	600-75-C-1853	2	08/75	Failed,	condemned	
00-985-7099	600-75-C-1853	3	08/75	Failed,	condemned,	1985
00-985-7099	600-75-C-1853	7	08/75	Failed,	condemned	
00-985-7099	600-75-C-1853	8	11/75	Failed,	condemned,	1986
00-985-7099	600-75-C-1854	BRT1	11/75	Failed,	condemned	
00-985-7099	600-76-C-1528	13	03/76	Failed,	condemned,	1987
00-985-7099	600-76-C-4924	16	11/76	Failed,	condemned,	1986
00-985-7099	600-77-C-0668	CRG1	02/77	Failed,	condemned	
00-985-7099	600-78-C-0585	20	11/77	Failed,	condemned	
00-985-7099	600-78-C-1184	24	08/78	Failed,	condemned,	1991
00-985-7099	600-79-C-1248	39	08/79	Failed,	condemned,	1986
00-985-7099	600-79-C-1248	40	02/80	Updated,	04/96	
00-985-7099	600-79-C-1248	41	11/79	Failed,	condemned,	1987
00-985-7099	600-80-C-0669	34	02/80	Updated,	08/95	
00-985-7099	600-80-C-0669	35	02/80	Updated,	08/93	
00-985-7099	600-80-C-0669	36	02/80	Failed,	condemned,	1992
00-985-7099	600-80-C-0671	42	05/82	Failed,	condemned	
00-985-7099	600-80-C-0699	34	02/80	Updated,	08/95	
00-985-7099	600-80-C-0997	08	04/80	Updated,	03/94	
00-985-7099	600-80-C-1066	43	05/80	Failed,	condemned	
00-985-7099	600-80-C-1178	45	08/80	Updated,	06/94	



00-985-7099	600-80-C-1341	47	11/80	Updated, 12/93	
00-985-7099	600-80-C-1504	57	02/81	Updated, 04/95	
00-985-7099	600-80-C-1504	59	02/81	Failed, condemned,	1990
00-985-7099	600-80-C-1517	48	11/80	Updated, 07/95	
00-985-7099	600-81-C-1582	53	05/81	Failed, condemned,	1992
00-985-7099	600-81-C-1582	54	08/81	Updated, 06/93	
00-985-7099	600-81-C-1584	112	06/81	Failed, condemned,	1993
00-985-7099	600-82-C-0964	10	05/82	Updated, 12/93	
00-985-7099	600-82-C-0964	30	05/82	Failed, condemned,	1988
00-985-7099	600-82-C-0964	40	05/82	Updated, 06/94	
00-985-7099	600-82-C-0964	50	05/82	Updated, 06/94	
00-985-7099	600-82-C-0988	62	05/82	Updated, 03/96	
00-985-7099	600-82-C-1393	70	11/82	Failed, condemned,	1987
00-985-7099	600-82-C-1395	131	12/82	Updated, 01/95	
00-985-7099	600-82-C-1457	66	11/82	Updated, 10/93	
00-985-7099	600-82-C-1457	67	11/82	Failed, condemned	
00-985-7099	600-83-C-0729	79	08/83	Failed, condemned	
00-985-7099	600-83-C-1003	132	06/83	Updated, 06/93	
00-985-7099	600-83-C-1003	140	05/83	Updated, 06/94	
00-985-7099	600-83-C-1003	141	06/83	Updated, 07/95	
00-985-7099	600-83-C-1003	142	06/83	Updated, 04/94	
00-985-7099	600-83-C-1096	71	05/83	Updated, 06/94	
00-985-7099	600-83-C-1096	72	08/83	Updated, 01/96	
00-985-7099	600-83-C-1375	146	11/83	Updated, 03/95	
00-985-7099	600-83-C-1376	77	11/83	Updated, 02/96	
00-985-7099	600-83-C-1376	78	02/84	Updated, 08/95	
01-144-3808	600-83-C-1375	147	11/83	Failed, condemned,	1992
01-144-3808	600-83-C-1375	148	11/83	Updated, 12/93	
01-144-3808	600-83-C-1376	79	02/84	Failed, condemned,	1987

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00-935-4017	400-84-C-F169	18	11/84	Failed, condemned,	1989
00-935-4017	400-85-C-3008	ALL	00/00	Failed, condemned	
00-935-4017	400-87-C-5573	35	02/88	Updated, 04/95	
00-935-4017	400-89-C-0670	660189	11/89	Failed, condemned	
00-935-4017	400-89-C-0670	660289	11/89	Failed, condemned,	1990
00-935-4017	400-89-C-1694	1160089	11/89	Failed, condemned,	1990
00-935-4017	400-90-C-0587	360560690	02/90	Failed, condemned,	1992
00-935-4017	400-90-C-1612	911	02/91	Updated, 03/94	
00-935-4017	400-91-C-5230	917	06/92	Updated, 08/94	
00-935-4017	600-81-C-1227	1	08/81	Failed, condemned,	1987
00-985-7244	400-86-M-7409	189076	00/00	Failed, condemned	
00-985-7244	400-87-M-BA21	34	11/87	Updated, 07/94	
00-985-7244	400-88-M-A268	36	03/88	Updated, 04/95	
00-985-7244	400-88-M-H156	2924	03/88	Failed, condemned,	1990
00-985-7244	400-90-M-L532	3040	05/90	Updated, 08/93	
00-985-7244	400-91-M-F553	914	05/91	Updated, 07/94	
00-985-7244	400-91-M-Q589	918	08/91	Updated, 11/94	
00-985-7245	400-85-M-F064	ALL	00/00	Failed, condemned	
00-985-7245	400-86-M-L692	24	05/86	Updated, 12/94	
00-985-7245	400-86-M-U529	20	08/86	Failed, condemned,	1990



00-985-7245	400-88-M-J473	2925	05/88	Failed, condemned,	1992
00-985-7245	400-89-C-1044	73109	00/00	Failed, condemned,	1991
00-985-7245	400-89-M-3123	41	02/89	Updated,	01/95
00-985-7245	400-89-M-L628	2926	07/89	Failed but updated,	11/94
00-985-7245	400-89-M-X683	897	12/89	Updated,	11/93
00-985-7245	400-90-M-BC45	3050	11/90	Updated,	01/94
00-985-7245	400-91-C-1466	9110	11/91	Updated,	02/95
00-985-7245	400-91-M-CT20	9112	12/91	Updated,	02/95
00-985-7245	600-83-C-1274	113292	11/83	Failed, condemned,	1985
00-985-7246	400-84-C-F038	5190	11/84	Updated,	04/95
00-985-7246	400-84-C-F119	16	08/84	Updated,	08/93
00-985-7246	400-86-C-5196	24	00/00	Failed, condemned,	1989
00-985-7246	400-87-C-1604	29	05/87	Updated,	06/93
00-985-7246	400-87-C-1605	1670047	09/87	Failed, condemned,	1991
00-985-7246	400-87-C-3032	3461088	08/88	Failed, condemned,	1992
00-985-7246	400-87-C-3032	3759098	08/88	Updated,	07/94
00-985-7246	400-88-C-1238	36	02/88	Updated,	11/93
00-985-7246	400-90-C-0682	903	05/90	Failed, condemned,	1992
00-985-7246	400-90-M-B254	903	05/90	Updated,	05/94
00-985-7246	400-91-C-0523	913	02/91	Updated,	06/94
00-985-7246	400-91-C-0523	914	05/91	Updated,	04/95
00-985-7246	400-91-C-1055	918	08/91	Updated,	01/95
00-985-7246	400-91-C-4123	918	08/91	Updated,	08/94
00-985-7246	600-82-C-1299	4	11/82	Updated,	04/94
00-985-7247	400-84-C-F119	15	08/84	Updated,	11/94
00-985-7247	400-85-C-5437	ALL	00/00	Failed, condemned	
00-985-7247	400-87-C-5408	32	11/87	Updated,	07/93
00-985-7247	400-87-C-5408	33	02/88	Updated,	01/94
00-985-7247	400-87-C-5408	34	11/87	Updated,	12/93
00-985-7247	400-88-C-1238	37	05/88	Updated,	08/93
00-985-7247	400-88-C-2306	40	11/88	Updated,	09/94
00-985-7247	400-88-M-K718	39	08/88	Updated,	08/94
00-985-7247	400-90-C-1816	908	11/90	Updated,	11/94
00-985-7247	400-90-M-5036	010244	11/90	Failed, condemned,	1992
00-985-7247	400-90-M-9531	460090	05/90	Updated,	03/94
00-985-7247	400-91-C-5423	9110	11/91	Updated,	03/95
00-985-7247	400-91-C-5423	9111	11/91	Updated,	12/94
00-985-7247	400-91-C-5423	919	11/91	Updated,	11/94
00-985-7247	600-81-C-1223	92	08/81	Failed, condemned,	1992
00-985-7247	600-82-C-1299	3	00/00	Failed, condemned,	1990
00-985-7247	600-83-C-1275	11	11/83	Failed, condemned,	1989
00-985-7248	400-85-C-0540	19	00/00	Updated,	03/95
00-985-7248	400-86-C-5196	21	02/86	Updated,	08/94
00-985-7248	400-87-C-5573	33	02/88	Updated,	06/94
00-985-7248	400-87-C-5573	35	02/88	Updated,	01/94
00-985-7248	400-88-C-0817	1707048	05/88	Updated,	07/94
00-985-7248	400-88-C-0817	1740048	05/88	Updated,	07/94
00-985-7248	400-88-C-0817	3940098	09/88	Failed, condemned,	1989
00-985-7248	400-88-C-2397	891	02/89	Updated,	12/94
00-985-7248	400-89-C-0636	3479079	08/88	Failed, condemned,	1992
00-985-7248	400-89-C-0636	3803089	08/89	Updated,	11/94
00-985-7248	400-89-C-1614	911	03/91	Updated,	03/94

00-985-7248	400-90-C-0480	262462690	02/90	Updated, 04/94
00-985-7248	400-90-C-1614	907	11/90	Updated, 12/94
00-985-7248	400-90-C-1614	913	02/91	Updated, 04/94
00-985-7248	400-91-C-5230	911	02/91	Updated, 02/95
00-985-7248	400-91-C-5230	916	00/00	Updated, 10/94
00-985-7248	400-91-C-5230	917	07/91	Updated, 01/94
00-985-7248	600-83-C-0869	6	00/00	Updated, 06/94
00-985-7248	600-83-C-1038	10	08/83	Updated, 02/94
00-985-7248	600-83-C-1038	8	08/83	Updated, 03/95

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00-141-6770	400-84-C-F147	68	11/84	Updated, 03/95
00-141-6770	400-86-C-0934	76	05/86	Updated, 12/93
00-141-6770	400-86-C-3340	81	02/87	Updated, 04/94
00-141-6770	400-87-C-1671	83	08/87	Updated, 10/93
00-141-6770	400-88-C-0304	86	02/88	Updated, 04/94
00-141-6770	400-88-C-0304	924	00/00	Updated, 04/94
00-141-6770	400-89-C-0822	892	11/89	Updated, 10/94
00-141-6770	400-89-C-1954	893	11/89	Updated, 12/94
00-141-6770	400-91-C-0574	911	02/91	Updated, 03/94
00-141-6770	400-91-C-5220	911	02/91	Updated, 03/94
00-141-6770	400-91-C-5220	912	00/00	Updated, 07/94
00-141-6770	400-92-C-5020	914	12/91	Updated, 01/95
00-141-6770	600-81-C-1152	51	08/81	Updated, 09/94
00-141-6770	600-82-C-0651	55	11/81	Updated, 09/93
00-141-6770	600-82-C-0832	56	02/82	Failed, condemned, 1986
00-141-6771	400-84-C-F148	299	00/00	Updated, 07/94
00-141-6771	400-85-C-1476	70	02/85	Failed, condemned, 1988
00-141-6771	400-89-M-A122	88	03/89	Updated, 05/94
00-141-6771	400-91-M-F564	912	00/00	Updated, 07/94
00-141-6771	400-92-C-5020	913	12/91	Updated, 12/94
00-141-6771	600-80-M-1206	45	00/00	Failed, condemned, 1986
00-823-8048	400-84-M-F018	1	11/83	Failed, condemned, 1987
00-823-8048	400-87-M-0398	307	11/86	Updated, 03/94
00-823-8048	400-88-M-4260	85	12/87	Updated, 07/93
00-823-8048	400-88-M-8199	DH298	03/88	Updated, 05/94
00-823-8048	400-88-M-U309	DH342	01/89	Updated, 05/94
00-823-8048	400-89-M-2131	88	11/88	Updated, 12/94
00-823-8048	400-90-M-BW66	902	11/90	Updated, 04/94
00-823-8048	400-91-M-7809	91	02/91	Updated, 07/94
00-823-8048	600-81-C-1246	52	08/81	Failed, condemned, 1986
00-823-8048	600-82-C-0832	66	02/84	Failed, condemned, 1989
00-935-4019	400-87-M-0286	82	05/87	Updated, 08/93
00-935-4019	400-88-M-0543	85	11/87	Updated, 10/93
00-935-4019	400-89-M-J265	203	06/89	Failed, condemned, 1992
00-935-4019	400-89-M-R303	891	10/89	Updated, 03/95
00-935-4019	400-89-M-T472	89	09/89	Updated, 12/94
00-935-4019	400-91-M-CR47	913	11/91	Updated, 04/95
00-935-4019	400-92-M-7408	914	03/92	Updated, 03/95
00-935-4019	600-80-C-1356	B1116	01/81	Failed, condemned, 1990
00-935-4019	600-82-C-1415	2375	10/82	Failed, condemned, 1986

Specification: MIL-H-46001

00-966-8830	400-85-C-2236	1	00/00	Failed, condemned,	1989
00-966-8830	400-85-M-CY93	1	11/85	Updated,	11/94
00-966-8830	400-89-M-8819	105772	02/89	Updated,	04/95
00-966-8831	400-85-C-F033	2926C	12/84	Updated,	03/94
00-966-8831	400-87-C-2143	F19035	00/00	Updated,	08/93
00-966-8832	400-85-C-2935	1	11/85	Updated,	04/94
00-966-8833	400-86-C-0603	10030786	00/00	Failed, condemned	
00-966-8835	600-82-C-1342	211103	11/82	Failed, condemned,	1988
00-966-8836	400-86-M-S750	2201	07/86	Failed, condemned,	1991
00-966-8836	400-86-M-S750	2261	07/86	Failed, condemned,	1990

Specification: MIL-L-46167

00-402-2372	400-85-C-5520	42137	00/00	Failed, condemned,	1990
00-402-2372	400-85-C-5520	4256	11/85	Failed, condemned,	1989
00-402-2372	400-86-C-5467	8111	00/00	Failed, condemned	
00-402-2372	400-87-C-5562	4392	02/88	Failed, condemned,	1990
00-402-2372	400-89-C-5267	8901	09/89	Updated,	11/93
00-402-2372	400-90-C-0462	116711	00/00	Failed, condemned,	1992
00-402-2372	600-82-C-1181	2003	00/00	Failed, condemned,	1992
00-491-7197	400-86-C-5467	75516	08/86	Updated,	03/94
00-491-7197	400-86-C-5467	85566	00/00	Failed, condemned,	1991
00-491-7197	400-86-C-5640	84899	00/00	Updated,	04/94
00-491-7197	400-88-C-5349	87950	00/00	Failed, condemned,	1993
00-491-7197	400-90-C-5030	898	00/00	Updated,	01/94
00-491-7197	600-79-C-0794	4629	02/79	Failed, condemned,	1991
00-491-7197	600-83-C-0682	2655	00/00	Failed, condemned	
00-491-7197	600-83-C-1166	4545	08/83	Failed, condemned,	1989
00-491-7197	600-83-C-1332	5504	00/00	Failed, condemned,	1990
00-491-7197	600-83-C-1332	5943	02/84	Failed, condemned,	1990

Specification: MIL-H-46170

00-111-6254	400-84-C-F022	5136G	05/84	Updated,	02/94
00-111-6254	400-86-C-5570	13E	02/87	Updated,	01/94
00-111-6254	400-87-C-5564	101228	11/88	Updated,	05/93
00-111-6254	400-87-C-5564	111322	09/89	Updated,	06/94
00-111-6254	400-89-C-5373	901	02/90	Updated,	05/94
00-111-6254	400-89-C-5389	79	02/90	Updated,	04/94
00-111-6254	400-90-C-5184	08A	05/90	Updated,	09/94
00-111-6254	400-90-C-5350	902	08/90	Updated,	08/93
00-111-6254	400-90-C-5350	903	11/90	Updated,	04/94
00-111-6254	400-90-C-5350	904	11/90	Updated,	12/94
00-111-6254	400-91-C-5207	SB21	03/91	Failed but updated,	08/94
00-111-6254	400-91-C-5527	2P	11/91	Failed but updated,	04/95
00-111-6256	400-89-C-2014	87	02/90	Updated,	01/94
00-111-6256	400-89-C-5118	QE01	05/89	Updated,	03/94
00-111-6256	400-90-C-0017	901	02/90	Updated,	02/95
00-111-6256	400-91-C-5208	912	02/91	Updated,	06/94
00-111-6256	400-91-C-5208	914	05/91	Updated,	10/94
01-119-8149	400-90-C-5041	901	00/00	Updated,	11/93
01-119-8149	400-90-C-5219	3C	00/00	Updated,	05/94
01-119-8149	400-91-C-5277	126693	00/00	Updated,	12/94

01-131-3323	400-89-M-M149	106122	00/00	Updated, 05/94	
01-131-3323	600-83-C-0779	JLF1	02/83	Updated, 03/94	
01-131-3324	400-86-C-2753	MJ01	11/86	Failed, condemned,	1992
01-131-3324	400-89-C-5148	106122	05/89	Failed, condemned,	1993
01-131-3324	600-83-C-1351	JLN1	11/83	Failed, condemned,	1990
01-131-3325	400-85-C-F010	6309	11/84	Failed, condemned,	1987
01-131-3325	400-89-C-1173	QG01	07/89	Updated, 07/93	
01-131-3325	400-91-C-0623	SA42	00/00	Updated, 03/95	
01-131-3325	400-91-C-1689	S146	00/00	Updated, 02/95	
01-158-0462	400-89-C-1853	69	00/00	Updated, 06/94	
01-158-0462	400-90-C-0336	117734	05/90	Updated, 06/94	

Specification: MIL-B-46176

01-102-9455	400-86-C-5495	86174	09/86	Updated, 07/94	
01-102-9455	400-87-C-5392	GB018573	01/88	Updated, 05/94	
01-102-9455	400-87-C-5392	GB087567	08/87	Updated, 10/93	
01-102-9455	400-87-C-5392	GB087568	08/87	Updated, 11/93	
01-102-9455	400-87-C-5392	GB097569	09/87	Updated, 11/93	
01-102-9455	400-87-C-5392	GB127571	11/87	Updated, 12/93	
01-102-9455	400-87-C-5392	GB127572	12/87	Updated, 08/94	
01-102-9455	400-88-C-5347	GB019595	01/89	Updated, 10/94	
01-102-9455	400-88-C-5347	GB029596	02/89	Updated, 08/93	
01-102-9455	400-88-C-5347	GB029597	02/89	Updated, 02/95	
01-102-9455	400-88-C-5347	GB088590	08/88	Updated, 06/94	
01-102-9455	400-88-C-5347	GB098591	09/88	Updated, 12/94	
01-102-9455	400-88-C-5347	GB108592	10/88	Updated, 10/94	
01-102-9455	400-88-C-5347	GB108593	10/88	Updated, 09/94	
01-102-9455	400-88-C-5347	GB128594	12/88	Updated, 11/94	
01-102-9455	400-90-C-5093	GB010501	01/90	Updated, 03/94	
01-102-9455	400-90-C-5093	GB020502	02/90	Updated, 12/93	
01-102-9455	400-90-C-5093	GB030503	03/90	Updated, 03/94	
01-102-9455	400-90-C-5093	GB040516	04/90	Updated, 06/94	
01-102-9455	400-90-C-5093	GB050518	05/90	Updated, 08/94	
01-102-9455	400-90-C-5093	GB060533	06/90	Updated, 01/95	
01-102-9455	400-91-C-5203	GB021702	02/91	Updated, 01/95	
01-102-9455	400-91-C-5203	GB031711	03/91	Updated, 03/95	
01-102-9455	600-81-C-1294	81270	11/81	Failed, condemned,	1986
01-102-9455	600-82-C-0830	82035	05/82	Updated, 02/95	
01-102-9455	600-82-C-1321	82144	11/82	Updated, 08/94	
01-102-9455	600-83-C-0793	83015	02/83	Updated, 10/94	
01-123-3152	400-87-C-1180	AA087137	00/00	Updated, 08/93	
01-123-3152	400-87-C-1180	AA106127	10/86	Updated, 08/93	
01-123-3152	400-87-C-2296	C4542	00/00	Updated, 02/95	
01-123-3152	400-90-C-5032	AA089188	08/89	Updated, 01/94	
01-123-3152	400-90-C-5032	AA089189	09/89	Updated, 08/94	

Specification: MIL-L-63460

01-053-6688	400-84-C-F080	12	08/84	Failed, condemned,	1987
01-053-6688	400-85-C-5083	010385	01/85	Failed, condemned,	1990
01-053-6688	400-85-C-5084	18	02/85	Failed, condemned,	1990
01-053-6688	400-85-C-5529	22	08/85	Updated, 05/93	
01-053-6688	400-85-C-5557	090185	09/85	Updated, 07/95	

01-053-6688	400-85-D-0105	070186	00/00	Failed, condemned,	1989
01-053-6688	400-85-D-0105	070286	00/00	Failed, condemned,	1989
01-053-6688	400-85-D-0105	6189	00/00	Failed, condemned,	1990
01-053-6688	400-87-D-0105	070287	06/86	Updated,	08/93
01-053-6688	400-88-D-0040	28	02/88	Updated,	01/95
01-053-6688	400-88-D-0052	0389A3	02/89	Updated,	05/95
01-053-6688	400-88-D-0052	090188	09/88	Updated,	08/94
01-053-6688	400-89-D-0100	891	11/89	Updated,	11/95
01-053-6688	400-89-D-0100	902	02/90	Updated,	02/96
01-053-6688	600-80-D-1342	80180	09/80	Failed, condemned,	1986
01-053-6688	600-84-C-0707	010384	01/84	Failed, condemned,	1987
01-054-6453	400-85-C-5083	020285	02/85	Failed, condemned,	1987
01-054-6453	400-88-D-0046	30	11/88	Updated,	01/95
01-054-6453	400-88-D-0046	31	11/88	Updated,	10/94
01-054-6453	400-88-D-0046	891	11/86	Updated,	05/94
01-054-6453	400-89-D-0100	901	02/90	Failed, condemned,	1993
01-079-6124	400-87-D-0041	050287	05/87	Updated,	05/93
01-079-6124	400-88-D-0018	0389A3	00/00	Updated,	04/95
01-079-6124	400-89-D-0152	120189	12/89	Failed but updated,	12/95
01-102-1473	400-85-C-5083	120184	12/84	Failed, condemned,	1988
01-102-1473	400-87-D-0043	090187	00/00	Failed, condemned,	1991
01-102-1473	400-89-D-0152	010190	02/90	Failed but updated,	02/96

Specification: MIL-G-81322

00-145-0268	400-84-C-F026	52	08/84	Updated,	05/93
00-145-0268	400-84-C-F026	53	08/84	Updated,	05/94
00-145-0268	400-86-C-5471	628106	11/86	Updated,	06/93
00-145-0268	400-86-C-5471	703106	11/86	Updated,	01/95
00-145-0268	400-86-C-5471	717106	11/86	Updated,	01/94
00-145-0268	400-86-C-5471	730116	11/88	Updated,	12/93
00-145-0268	400-86-C-5471	736116	11/86	Updated,	02/95
00-145-0268	400-86-C-5471	875126	11/86	Updated,	01/95
00-145-0268	400-86-C-5471	914126	11/86	Updated,	09/93
00-145-0268	400-86-C-5476	736116	11/86	Updated,	12/93
00-145-0268	400-87-C-5432	0019018	11/87	Updated,	06/94
00-145-0268	400-87-C-5432	1622048	05/88	Updated,	10/93
00-145-0268	400-87-C-5432	1642048	05/88	Updated,	10/94
00-145-0268	400-87-C-5432	4168107	11/87	Updated,	03/94
00-145-0268	400-87-C-5432	4255107	11/87	Updated,	05/94
00-145-0268	400-87-C-5432	4505107	11/87	Updated,	03/95
00-145-0268	400-87-C-5574	1WBB5718	03/88	Updated,	06/94
00-145-0268	400-87-C-5579	1WBB1958	03/88	Updated,	04/95
00-145-0268	400-87-C-5579	1WBB2928	03/88	Updated,	08/94
00-145-0268	400-87-C-5579	1WBB2948	03/88	Updated,	07/94
00-145-0268	400-87-C-5579	1WBB297	03/88	Updated,	12/94
00-145-0268	400-87-C-5579	1WBB2988	03/88	Updated,	02/95
00-145-0268	400-87-C-5579	1WBB2998	03/88	Updated,	08/93
00-145-0268	400-87-C-5579	1WBB3908	03/88	Updated,	06/93
00-145-0268	400-87-C-5579	1WBB4868	00/00	Updated,	03/94
00-145-0268	400-87-C-5579	1WBB4938	03/88	Updated,	08/94
00-145-0268	400-87-C-5579	1WBB4958	03/88	Updated,	03/94

00-145-0268	400-87-C-5579	1WBB4968	04/88	Updated, 03/94	
00-145-0268	400-87-C-5579	1WBB5718	03/88	Updated, 07/94	
00-145-0268	400-87-C-5579	1WBB5728	03/88	Updated, 06/94	
00-145-0268	400-87-C-5579	1WBB7178	03/88	Failed, condemned,	1990
00-145-0268	400-87-C-5579	1WBB8228	03/88	Updated, 08/94	
00-145-0268	400-87-C-5579	1WBB8848	03/88	Updated, 06/94	
00-145-0268	400-87-C-5579	1WBB8868	03/88	Failed, condemned,	1989
00-145-0268	400-87-C-5579	1WBB8888	03/88	Updated, 11/94	
00-145-0268	400-87-C-5579	1WBB8889	03/88	Updated, 06/94	
00-145-0268	400-87-C-5579	1WBB8908	03/88	Updated, 05/93	
00-145-0268	400-89-C-5166	8910	08/89	Updated, 09/93	
00-145-0268	400-89-C-5166	897	08/89	Updated, 12/93	
00-145-0268	400-89-C-5166	898	08/89	Updated, 09/93	
00-145-0268	400-89-C-5166	899	08/89	Updated, 07/93	
00-145-0268	400-90-C-5212	9015	08/90	Updated, 11/94	
00-145-0268	400-90-C-5212	9016	08/90	Updated, 10/94	
00-145-0268	400-90-C-5212	9018	08/90	Updated, 01/95	
00-145-0268	400-90-C-5212	9019	08/90	Updated, 08/93	
00-145-0268	400-90-C-5212	9020	08/90	Updated, 09/93	
00-145-0268	400-90-C-5212	9021	09/90	Updated, 09/93	
00-145-0268	400-90-C-5212	9022	08/90	Updated, 09/93	
00-145-0268	400-90-C-5414	9025	12/90	Updated, 01/94	
00-145-0268	400-90-C-5414	9026	01/91	Updated, 01/94	
00-145-0268	400-90-C-5414	911	02/91	Updated, 01/94	
00-145-0268	400-90-C-5414	914	02/91	Updated, 03/94	
00-145-0268	451-92-C-5197	9237	11/92	Updated, 04/95	
00-145-0268	600-81-C-1177	20	08/81	Failed, condemned,	1988
00-145-0268	600-83-C-1257	43	02/84	Failed, condemned,	1986
00-181-7724	400-84-C-F026	48	05/84	Failed, condemned,	1988
00-181-7724	400-84-M-F340	5E	09/84	Updated, 06/94	
00-181-7724	400-87-M-8851	332027	03/87	Updated, 04/95	
00-181-7724	400-87-M-Q566	15	06/87	Updated, 06/93	
00-181-7724	400-87-M-Z088	17	10/87	Updated, 07/93	
00-181-7724	400-89-C-5166	8910	08/89	Updated, 09/93	
00-181-7724	400-89-M-L885	203	08/89	Updated, 03/94	
00-181-7724	400-90-M-1659	717	11/89	Updated, 12/93	
00-181-7724	400-91-C-1823	9118	09/91	Updated, 12/94	
00-181-7724	400-91-C-1823	9119	09/91	Updated, 12/94	
00-181-7724	400-91-M-A001	915	02/91	Updated, 02/95	
00-181-7724	400-91-M-E490	915	02/91	Updated, 04/94	
00-181-7724	600-83-M-0729	10923	12/82	Failed, condemned,	1989
00-935-5851	400-85-C-5089	64	00/00	Failed, condemned,	1988
00-935-5851	400-85-C-5089	67	05/85	Updated, 01/94	
00-935-5851	400-86-C-5207	10	00/00	Updated, 10/94	
00-935-5851	400-87-C-5146	B810	02/87	Failed, condemned,	1987
00-935-5851	400-87-C-5146	WB310	08/90	Updated, 10/93	
00-935-5851	400-87-C-5492	2113058	05/88	Updated, 02/95	
00-935-5851	400-87-C-5492	4361107	11/87	Updated, 07/93	
00-935-5851	400-87-C-5492	4392107	11/87	Updated, 09/94	
00-935-5851	400-87-C-5492	4423107	11/87	Updated, 02/94	
00-935-5851	400-87-C-5492	4568107	11/87	Updated, 09/94	
00-935-5851	400-87-C-5492	5203127	11/87	Updated, 05/94	



00-935-5851	400-87-C-5492	53361271	00/00	Updated, 04/95
00-935-5851	400-89-C-5135	1WB017	06/89	Updated, 11/94
00-935-5851	400-89-C-5135	1WB0189	06/89	Updated, 10/94
00-935-5851	400-89-C-5135	1WB1659	04/89	Failed, condemned, 1992
00-935-5851	400-89-C-5135	1WB179	06/89	Updated, 11/94
00-935-5851	400-89-C-5135	1WB422	07/89	Updated, 06/94
00-935-5851	400-89-C-5135	1WB423	07/89	Failed but updated, 11/94
00-935-5851	400-89-C-5135	1WB622	07/89	Failed but updated, 04/95
00-935-5851	400-89-C-5135	1WB883	00/00	Updated, 10/94
00-935-5851	400-89-C-5135	1WBB165	05/89	Updated, 06/94
00-935-5851	400-89-C-5135	1WBB420	06/89	Updated, 04/94
00-935-5851	400-89-C-5135	1WBB618	06/89	Updated, 07/93
00-935-5851	400-89-C-5135	1WBB620	06/89	Updated, 07/93
00-935-5851	400-89-C-5135	1WBB879	06/89	Updated, 09/93
00-935-5851	400-89-C-5358	8910	00/00	Updated, 09/94
00-935-5851	400-89-C-5358	8916	11/89	Updated, 12/93
00-935-5851	400-89-C-5358	8917	11/89	Updated, 11/93
00-935-5851	400-89-C-5358	9014	05/90	Updated, 11/94
00-935-5851	400-89-C-5358	904	02/90	Updated, 11/94
00-935-5851	400-89-C-5358	905	00/00	Updated, 11/94
00-935-5851	400-89-C-5358	906	00/00	Updated, 11/94
00-935-5851	400-89-C-5358	907	02/90	Updated, 02/94
00-935-5851	400-90-C-5400	1WBB316	01/91	Updated, 01/94
00-935-5851	400-90-C-5400	WBB095	00/00	Updated, 02/95
00-935-5851	400-90-C-5400	WBB314	00/00	Failed, condemned, 1993
00-935-5851	400-90-C-5400	WBB315	02/91	Updated, 02/95
00-935-5851	400-90-C-5400	WBB867	02/91	Failed but updated, 02/95
00-935-5851	400-90-C-5400	WBB926	00/00	Failed, condemned, 1992
00-935-5851	400-90-C-5400	WBB929	00/00	Failed but updated, 02/95
00-935-5851	400-90-C-5400	WBB993	00/00	Updated, 03/95
00-935-5851	400-90-C-5400	WBB995	00/00	Failed but updated, 03/95
00-935-5851	400-90-C-5400	WBB996	02/91	Updated, 03/95
00-935-5851	400-90-C-5400	WBB997	00/00	Updated, 03/95
00-935-5851	400-92-C-5021	1785052	05/92	Updated, 04/95
00-935-5851	400-92-C-5022	9121	11/91	Updated, 12/94
00-935-5851	400-92-C-5022	9122	01/92	Updated, 01/95
00-935-5851	400-92-C-5022	9123	01/92	Updated, 01/95
00-935-5851	400-92-C-5022	9124	01/92	Updated, 01/95
00-935-5851	400-92-C-5022	921	01/92	Updated, 02/95
00-935-5851	400-92-C-5022	9210	04/92	Updated, 04/95
00-935-5851	400-92-C-5022	9211	03/92	Updated, 03/94
00-935-5851	400-92-C-5022	9212	03/92	Updated, 03/95
00-935-5851	400-92-C-5022	9213	03/92	Updated, 03/95
00-935-5851	400-92-C-5022	9214	04/92	Updated, 04/95
00-935-5851	400-92-C-5022	9215	04/92	Updated, 04/95
00-935-5851	400-92-C-5022	9216	05/92	Updated, 04/94
00-935-5851	400-92-C-5022	922	02/93	Updated, 02/95
00-935-5851	400-92-C-5022	923	02/92	Updated, 03/95
00-935-5851	400-92-C-5022	924	02/92	Updated, 03/95
00-935-5851	400-92-C-5022	925	02/92	Updated, 03/95
00-935-5851	400-92-C-5022	926	03/92	Updated, 03/95
00-935-5851	400-92-C-5022	928	03/92	Updated, 03/94



00-935-5851	400-92-C-5022	929	03/92	Updated, 03/95	
00-935-5851	600-83-C-1258	084044	02/84	Failed but updated, 03/95	
00-935-5851	600-83-C-1258	737024	02/84	Failed, condemned, 1986	
00-944-8953	400-84-C-F026	49	05/84	Failed, condemned, 1989	
00-944-8953	400-84-C-F026	50	05/84	Failed, condemned, 1989	
00-944-8953	400-84-C-F026	51	05/84	Updated, 04/94	
00-944-8953	400-85-C-5496	1WBB208	08/85	Updated, 09/93	
00-944-8953	400-86-C-5195	20	08/86	Updated, 08/94	
00-944-8953	400-86-C-5195	22	08/86	Updated, 03/94	
00-944-8953	400-87-C-5220	14	05/87	Updated, 08/93	
00-944-8953	400-87-C-5220	15	05/87	Updated, 12/93	
00-944-8953	400-87-C-5391	17	08/87	Failed, condemned, 1989	
00-944-8953	400-87-C-5391	18	08/87	Updated, 07/94	
00-944-8953	400-87-C-5391	20	11/87	Updated, 12/93	
00-944-8953	400-87-C-5391	21	11/87	Updated, 12/93	
00-944-8953	400-88-C-5017	1WBB184	04/88	Updated, 02/94	
00-944-8953	400-88-C-5017	1WBB186	04/88	Updated, 02/94	
00-944-8953	400-88-C-5017	1WBB832	04/88	Updated, 04/94	
00-944-8953	400-88-C-5017	1WBB833	04/89	Updated, 08/94	
00-944-8953	400-88-C-5017	1WBB834	04/88	Updated, 11/93	
00-944-8953	400-88-C-5017	1WBB835	04/88	Updated, 03/94	
00-944-8953	400-88-C-5017	1WBB837	04/88	Failed, condemned, 1993	
00-944-8953	400-89-C-1548	8911	11/89	Updated, 10/93	
00-944-8953	400-90-C-5336	B127	09/90	Updated, 10/94	
00-944-8953	400-90-C-5336	B128	09/90	Failed, condemned, 1992	
00-944-8953	400-90-C-5336	B129	09/90	Updated, 10/94	
00-944-8953	400-90-C-5336	B130	09/90	Updated, 11/94	
00-944-8953	400-91-C-5139	0891031	03/91	Updated, 04/94	
00-944-8953	600-78-C-1250	WB7181	00/00	Failed, condemned, 1986	
00-944-8953	600-78-C-1250	WB7188	11/78	Failed, condemned, 1988	
00-944-8953	600-79-C-1057	P1079	00/00	Failed, condemned, 1986	
00-944-8953	600-81-C-1177	18	08/81	Failed, condemned, 1993	
00-944-8953	600-82-C-1336	WB2905	11/82	Updated, 02/94	
00-944-8953	600-83-C-1257	40	11/83	Failed, condemned, 1993	
00-944-8953	600-83-C-1257	41	11/83	Failed, condemned, 1989	
01-262-3358	400-89-M-J957	202	08/89	Updated, 08/93	
01-262-3358	400-89-M-N259	204	08/89	Updated, 09/94	
01-262-3358	400-90-M-C863	404	04/90	Updated, 03/94	
01-262-3358	400-91-M-B982	916	03/91	Updated, 06/94	
01-262-3358	400-91-M-C171	915	03/91	Updated, 04/94	
01-262-3358	400-92-M-3954	9124	01/92	Updated, 02/95	

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00-149-7431	400-84-C-F083	23	00/00	Failed, condemned, 1988
00-149-7431	400-84-C-F083	25	08/84	Updated, 05/93
00-149-7431	400-84-C-F083	27	11/84	Updated, 11/93
00-149-7431	400-85-C-5362	10	08/85	Failed, condemned, 1989
00-149-7431	400-85-C-5362	1Q	08/85	Updated, 08/93
00-149-7431	400-85-C-5362	1S	08/85	Failed, condemned, 1990
00-149-7431	400-85-C-5655	75	02/86	Updated, 03/95
00-149-7431	400-86-C-0239	2C	02/86	Failed, condemned, 1990

00-149-7431	400-86-C-5168	13E	05/86	Updated, 09/93	
00-149-7431	400-86-C-5251	2K	08/86	Updated, 08/94	
00-149-7431	400-86-C-5251	2N	11/86	Failed, condemned,	1992
00-149-7431	400-86-C-5251	2S	00/00	Failed, condemned,	1992
00-149-7431	400-86-C-5251	2T	05/87	Updated, 04/95	
00-149-7431	400-86-C-5550	80	11/86	Updated, 12/94	
00-149-7431	400-86-C-5550	81	11/86	Updated, 12/93	
00-149-7431	400-86-C-5550	82	11/86	Updated, 03/95	
00-149-7431	400-86-C-5622	84014	02/87	Updated, 02/95	
00-149-7431	400-86-C-5622	84465	05/87	Updated, 11/94	
00-149-7431	400-86-C-5622	84949	05/87	Updated, 11/94	
00-149-7431	400-86-C-5622	85069	05/87	Failed, condemned,	1989
00-149-7431	400-87-C-5431	2X	11/87	Updated, 04/94	
00-149-7431	400-87-C-5431	2Z	11/87	Updated, 11/93	
00-149-7431	400-87-C-5431	3B	02/88	Updated, 01/95	
00-149-7431	400-88-C-5280	95	11/88	Updated, 09/94	
00-149-7431	400-88-C-5281	PG01	08/88	Updated, 08/94	
00-149-7431	400-89-C-5193	895	08/89	Updated, 02/95	
00-149-7431	400-89-C-5198	895	08/89	Updated, 12/94	
00-149-7431	400-89-C-5199	QH01	08/89	Updated, 11/94	
00-149-7431	400-90-C-1470	119845	00/00	Updated, 02/95	
00-149-7431	400-90-C-5109	902	05/90	Updated, 02/94	
00-149-7431	400-90-C-5262	905	08/90	Updated, 07/94	
00-149-7431	400-91-C-5060	1F	02/91	Updated, 02/95	
00-149-7431	400-91-C-5060	2F	02/91	Updated, 06/94	
00-149-7431	400-91-C-5060	9E	02/91	Updated, 04/95	
00-149-7431	400-91-C-5213	912	02/91	Updated, 01/95	
00-149-7431	400-91-C-5213	913	00/00	Updated, 03/95	
00-149-7431	400-91-C-5213	914	02/91	Updated, 02/95	
00-149-7431	600-76-C-4952	ELY3	05/78	Failed, condemned,	1991
00-149-7431	600-78-C-0560	22	00/00	Failed, condemned,	1989
00-149-7431	600-81-C-1042	HLU1	08/81	Failed, condemned,	1989
00-149-7431	600-81-C-1217	HLG1	00/00	Failed, condemned,	1990
00-149-7431	600-81-C-1217	HLN3	11/81	Failed, condemned,	1992
00-149-7431	600-81-C-1340	32	11/81	Failed, condemned,	1989
00-149-7431	600-82-C-0858	49	05/82	Updated, 04/95	
00-149-7431	600-82-C-0914	44	02/82	Updated, 03/95	
00-149-7431	600-82-C-1350	47	11/82	Updated, 11/93	
00-149-7431	600-82-C-1350	48	11/82	Updated, 11/93	
00-149-7431	600-82-C-1350	49	11/82	Failed, condemned,	1988
00-149-7431	600-82-C-1350	52	11/82	Failed but updated,	03/95
00-149-7431	600-82-C-1350	61	02/83	Failed, condemned,	1987
00-149-7431	600-83-C-0840	JLG2	08/83	Failed, condemned,	1990
00-149-7431	600-83-C-0840	JLT1	08/83	Updated, 05/93	
00-149-7431	600-83-C-0840	JLY1	05/83	Failed, condemned,	1992
00-149-7431	600-83-C-0937	96	08/83	Failed, condemned,	1992
00-149-7431	600-83-C-1262	60	11/83	Updated, 02/94	
00-149-7432	400-84-C-F083	23	08/84	Failed, condemned,	1988
00-149-7432	400-84-C-F084	1A	08/84	Failed, condemned,	1990
00-149-7432	400-84-C-F084	1B	08/84	Failed, condemned,	1987
00-149-7432	400-84-C-F084	94	05/84	Updated, 11/93	
00-149-7432	400-85-C-5362	1T	08/85	Failed, condemned,	1990

00-149-7432	400-85-C-5533	77334	05/86	Failed, condemned,	1991
00-149-7432	400-85-C-5636	LK03	11/85	Failed, condemned,	1988
00-149-7432	400-85-C-5655	74	02/86	Updated,	02/95
00-149-7432	400-86-C-5251	2F	00/00	Updated,	07/93
00-149-7432	400-86-C-5251	2S	11/86	Updated,	07/93
00-149-7432	400-86-C-5296	80029	11/86	Updated,	02/94
00-149-7432	400-86-C-5505	ND02	05/87	Updated,	06/93
00-149-7432	400-86-C-5550	83	00/00	Failed, condemned,	1991
00-149-7432	400-86-C-5622	113754	12/89	Updated,	02/94
00-149-7432	400-86-C-5622	90053	08/87	Updated,	09/93
00-149-7432	400-87-C-5380	2W	11/87	Updated,	02/94
00-149-7432	400-87-C-5380	3A	11/87	Failed but updated,	12/94
00-149-7432	400-87-C-5380	3E	05/88	Failed, condemned,	1990
00-149-7432	400-87-C-5380	3F	05/88	Updated,	06/93
00-149-7432	400-87-C-5502	113319	12/89	Updated,	02/95
00-149-7432	400-87-C-5502	94514	02/88	Updated,	06/93
00-149-7432	400-88-C-5279	PE09	08/88	Updated,	01/95
00-149-7432	400-88-C-5329	39	05/89	Updated,	05/93
00-149-7432	400-88-C-5432	PL02	01/89	Updated,	02/94
00-149-7432	400-88-C-5433	891	02/89	Updated,	02/95
00-149-7432	400-88-C-5433	892	02/89	Failed, condemned,	1991
00-149-7432	400-89-C-5346	896B	11/88	Updated,	10/93
00-149-7432	400-89-C-5346	897	11/89	Updated,	11/93
00-149-7432	400-89-C-5347	QL03	12/89	Updated,	11/93
00-149-7432	400-89-C-5347	RA01	02/90	Updated,	02/94
00-149-7432	400-89-C-5347	RA02	02/90	Updated,	02/94
00-149-7432	400-89-C-5347	RB01	02/90	Failed, condemned,	1992
00-149-7432	400-90-C-5112	RC02	03/90	Updated,	04/94
00-149-7432	400-90-C-5112	RD01	04/90	Updated,	04/94
00-149-7432	400-90-C-5112	RD02	04/90	Updated,	04/94
00-149-7432	400-90-C-5112	RE02	05/90	Updated,	05/94
00-149-7432	400-90-C-5227	119844	00/00	Updated,	10/94
00-149-7432	400-90-C-5227	119845	00/00	Updated,	09/94
00-149-7432	400-90-C-5227	119846	00/00	Failed but updated,	11/94
00-149-7432	400-90-C-5227	119847	10/90	Updated,	11/94
00-149-7432	400-90-C-5232	118660	07/90	Updated,	07/94
00-149-7432	400-90-C-5233	5B	05/90	Updated,	07/94
00-149-7432	400-91-C-5240	1L	08/91	Updated,	01/95
00-149-7432	400-91-C-5240	1M	08/91	Updated,	04/95
00-149-7432	400-91-C-5240	9J	05/91	Updated,	03/95
00-149-7432	600-76-C-1934	CLT1	11/83	Failed, condemned,	1986
00-149-7432	600-80-C-1326	GLS1	11/80	Updated,	10/93
00-149-7432	600-81-C-1217	HLM1	11/81	Failed, condemned,	1990
00-149-7432	600-81-C-1217	HLT2	11/81	Failed, condemned,	1990
00-149-7432	600-81-C-1340	1K	11/84	Failed, condemned,	1988
00-149-7432	600-81-C-1340	34	11/81	Failed, condemned,	1989
00-149-7432	600-81-C-1340	36	11/81	Failed, condemned,	1988
00-149-7432	600-81-C-1340	37	11/81	Failed, condemned,	1989
00-149-7432	600-82-C-1350	68	02/83	Failed, condemned	
00-149-7432	600-83-C-0840	JLG3	08/83	Failed, condemned,	1990
00-149-7432	600-83-C-0927	72	05/83	Failed, condemned,	1988
00-149-7432	600-83-C-0927	73	05/83	Failed, condemned,	1988

00-149-7432	600-83-C-1262	63	00/00	Updated, 07/93	
00-149-7432	600-83-C-1262	84	11/83	Failed, condemned,	1986
00-180-6290	400-84-C-F030	19	00/00	Failed, condemned,	1988
00-180-6290	400-84-C-F083	19	08/84	Failed, condemned,	1988
00-180-6290	400-86-C-5246	78665	08/86	Failed, condemned,	1988
00-180-6290	400-86-C-5346	2I	00/00	Failed, condemned	
00-180-6290	400-86-C-5474	MH04	08/86	Failed, condemned,	1990
00-180-6290	400-87-C-5561	PB01	01/88	Failed, condemned,	1990
00-180-6290	400-87-C-5561	PB03	02/88	Updated, 02/94	
00-180-6290	400-88-C-5062	113362	11/89	Updated, 11/93	
00-180-6290	400-88-C-5062	113721	12/89	Updated, 12/93	
00-180-6290	400-89-C-5160	893	00/00	Updated, 06/93	
00-180-6290	400-89-C-5250	QH03	08/89	Updated, 12/93	
00-180-6290	400-89-D-0111	025	02/90	Updated, 02/94	
00-180-6290	400-90-C-5018	901	02/90	Updated, 11/93	
00-180-6290	400-90-C-5422	6E	00/00	Updated, 01/95	
00-180-6290	400-91-C-5253	4F	02/91	Updated, 02/95	
00-180-6290	400-91-C-5254	912	02/91	Updated, 12/94	
00-180-6290	451-92-C-5152	TG23	07/92	Updated, 07/94	
00-180-6290	451-92-C-5152	TG62	07/92	Updated, 07/94	
00-180-6290	451-92-C-5152	TH01	09/92	Updated, 09/94	
00-180-6290	451-92-C-5152	TH13	08/92	Updated, 08/94	
00-180-6290	451-92-D-8031	923	10/92	Updated, 04/95	
00-180-6290	600-80-C-1511	21A29D	00/00	Failed, condemned,	1989
00-180-6290	600-81-C-1340	42	00/00	Failed, condemned,	1989
01-009-7709	400-84-C-F083	21	10/84	Failed, condemned,	1989
01-009-7709	400-84-C-F084	1F	08/84	Failed, condemned,	1988
01-009-7709	400-86-C-5346	2L	00/00	Failed, condemned,	1989
01-009-7709	400-86-C-5474	MH04	08/86	Failed, condemned,	1990
01-009-7709	400-86-C-5569	83601	00/00	Updated, 09/93	
01-009-7709	400-87-C-5560	104956	00/00	Updated, 06/94	
01-009-7709	400-87-C-5560	98545	06/88	Failed, condemned,	1990
01-009-7709	400-87-C-5560	98818	06/88	Failed, condemned,	1990
01-009-7709	400-89-C-5155	894	05/89	Updated, 09/93	
01-009-7709	400-90-C-5017	RA04	02/90	Updated, 03/94	
01-009-7709	400-90-C-5017	RA05	02/90	Updated, 02/94	
01-009-7709	400-90-C-5213	904	05/90	Updated, 05/94	
01-009-7709	400-90-C-5463	907	11/90	Updated, 11/94	
01-009-7709	400-90-C-5464	124211	00/00	Updated, 03/95	
01-009-7709	600-81-C-0553	HLJ1	00/00	Failed, condemned,	1990
01-009-7709	600-83-C-0840	JLU2	05/83	Failed, condemned,	1988
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00-235-5532	400-90-M-A424	1	03/90	Updated, 03/94	
00-235-5532	400-90-M-V034	2	02/90	Failed but updated,	09/94
00-531-6971	600-78-M-0573	008018	02/78	Failed, condemned,	1991
00-531-7854	600-81-C-0610	2971	12/80	Failed, condemned,	1990
00-753-4649	400-88-M-X098	2	00/00	Failed, condemned,	1992
00-753-4649	400-90-M-T630	2	09/90	Failed but updated,	12/94
Specification: VV-G-671					
00-190-0919	400-84-C-0527	212012284	02/84	Updated, 05/94	
00-223-4007	400-89-M-B792	660389	05/89	Updated, 10/93	

00-235-5568	400-87-M-F416	1	00/00	Failed, condemned
00-235-5568	400-88-M-P644	7650A88	08/88	Updated, 03/94
00-257-5370	400-85-M-A697	1	02/85	Failed, condemned, 1992
00-257-5370	400-86-M-A448	4	04/86	Updated, 05/94
00-257-5370	400-90-M-L134	1	06/90	Updated, 01/94
00-257-5370	600-82-M-1190	1	08/82	Updated, 01/94
00-272-7652	400-86-M-BJ17	1060086	00/00	Failed, condemned
00-272-7652	400-89-M-A028	3	07/89	Updated, 06/93
00-272-7652	600-82-M-1190	1	00/00	Failed, condemned

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00-231-6689	400-86-C-3365	160060287	02/87	Failed, condemned, 1989
00-231-6689	400-87-M-9153	263263387	02/87	Failed, condemned, 1989
00-231-6689	400-87-M-P891	C4535	08/87	Updated, 08/93
00-231-6689	400-88-C-0006	160060788	11/87	Failed, condemned, 1991
00-231-6689	400-88-C-0006	160160788	00/00	Failed, condemned, 1989
00-231-6689	400-89-M-3949	C4612	02/89	Updated, 01/95
00-231-6689	400-90-M-AE77	C4815	11/90	Updated, 10/94
00-231-6689	400-90-M-N691	C4813	00/00	Updated, 01/95
00-231-6689	400-91-M-9220	C4829	00/00	Updated, 01/95
00-231-9062	400-84-C-2745	L60186	12/86	Failed, condemned, 1989
00-231-9062	400-84-C-F031	4286	02/84	Failed, condemned, 1987
00-231-9062	400-84-C-F042	11984W	00/00	Failed, condemned, 1988
00-231-9062	400-84-C-F042	31984W	02/84	Failed, condemned, 1992
00-231-9062	400-84-C-F042	3198W	00/00	Failed, condemned
00-231-9062	400-86-C-2745	62387	02/87	Failed, condemned, 1989
00-231-9062	400-86-C-2745	K63786	00/00	Failed, condemned, 1989
00-231-9062	400-88-C-0588	F60688	06/88	Failed, condemned, 1992
00-231-9062	400-89-C-0505	C4619	02/89	Updated, 01/94
00-231-9062	400-89-C-1795	C4762	02/90	Updated, 05/94
00-231-9062	400-90-M-BK16	C4810	00/00	Updated, 11/94
00-231-9062	400-91-C-0680	C4833	02/89	Updated, 02/95
00-231-9062	600-77-C-1186	44	00/00	Failed, condemned, 1992
00-231-9062	600-81-C-0634	3991	11/80	Failed, condemned, 1987
00-231-9062	600-82-C-0982	C4136	05/82	Failed, condemned, 1985
00-261-8146	400-89-M-3745	705	04/89	Updated, 03/95
00-273-2389	400-85-C-1930	6186	08/85	Updated, 03/94
00-273-2389	400-86-C-0143	86102	02/86	Updated, 04/94
00-273-2389	400-89-C-1631	711	11/89	Updated, 01/94
00-273-2389	400-90-C-0530	716	03/90	Updated, 05/94
00-273-2389	600-72-C-1746	50963	00/00	Failed, condemned
00-273-2389	600-72-C-1761	50963	00/00	Failed, condemned
00-273-2389	600-74-C-1154	52834	11/73	Failed, condemned, 1989
00-273-2389	600-81-C-1028	C4026	06/81	Failed, condemned, 1992
00-281-2060	400-86-C-5074	F18361D	05/86	Updated, 07/94
00-281-2060	400-86-C-5074	F18361E	00/00	Updated, 05/94
00-281-2060	400-87-C-0830	F18936	07/87	Updated, 04/95
00-281-2060	400-90-C-5038	F19578B	00/00	Updated, 02/94
00-281-2060	400-90-C-5038	F19578C	05/86	Updated, 07/94
00-458-0075	400-84-C-F030	031084W	00/00	Failed, condemned
00-458-0075	400-84-C-F042	31084W	00/00	Failed, condemned

00-458-0075	400-86-C-5073	6188	02/86	Updated, 03/94
00-458-0075	400-87-C-2338	693	10/87	Updated, 05/94
00-458-0075	400-88-C-5372	111588WO	11/88	Failed but updated, 11/94
00-458-0075	400-88-C-5372	83088	08/88	Failed, condemned, 1990
00-458-0075	400-90-C-5187	721	05/90	Updated, 03/94
00-836-8641	400-89-M-G331	711	10/89	Updated, 03/94
00-836-8641	400-89-M-R846	10891	08/86	Updated, 10/94
00-836-8641	400-90-M-9371	716	03/90	Updated, 04/94

## Distribution List

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### DEPARTMENT OF THE ARMY:

1 CDR AMC  
ATTN AMCRD S  
5001 EISENHOWER AVE  
ALEXANDRIA VA 22333-0001

TARDEC  
1 ATTN AMSTA TR-M  
1 ATTN AMSTA TR-E  
1 ATTN AMSTA TR-K  
WARREN MI 48397-5000

50 TARDEC  
MOBILITY TECHNOLOGY CENTER BELVOIR  
ATTN AMSTA RBF  
10115 GRIDLEY RD STE 128  
FT BELVOIR VA 22060-5843

CDR ARMY TACOM  
1 ATTN AMSTA IM-LMT  
1 ATTN AMSTA IM-LMM  
1 ATTN AMSTA IM-LMB  
1 ATTN AMSTA IM-FR  
1 ATTN AMSTA IM-FT  
1 ATTN AMSTA IM-KP  
1 ATTN AMSTA IM-MC  
1 ATTN AMSTA IM-MT  
WARREN MI 48397-5000

PROGRAM MANAGER  
ABRAMS TK SYS  
1 ATTN SFAE-ASM-AB  
WARREN MI 48397-5000

PROGRAM MANAGER  
1 BRADLEY FIGHTING VEH  
ATTN SFAE-ASM-BV  
WARREN MI 48397-5000

PROGRAM MANAGER  
FAM MED TACT VEH  
ATTN SFAE-TWV-FMTV  
WARREN MI 48397-5000



CDR APC  
 1 ATTN SATPC Q  
 1 ATTN SATPC QE (BLDG 85 3)  
 NEW CUMBERLAND PA 17070-5005

1 PETROL TEST FAC WEST  
 BLDG 247 TRACEY LOC  
 DDRW  
 P O BOX 96001  
 STOCKTON CA 95296-0960

CDR ARMY TECOM  
 1 ATTN AMSTE TA R  
 1 ATTN AMSTE TC V 1 ATTN AMSTE EQ  
 APG MD 21005-5006

3 PROJ MGR PETROL WATER LOG  
 ATTN AMCPM PWL  
 4300 GOODFELLOW BLVD  
 ST LOUIS MO 63120-1798

1 PS MAGAZINE DIV  
 ATTN AMXLS PS  
 DIR LOGSA  
 REDSTONE ARSENAL  
 AL 35898-7466

1 DIR  
 ARMY RSCH LAB  
 ATTN AMSRL CP PW  
 2800 POWDER MILL RD  
 ADELPHIA MD 20783-1145

1 CDR ARMY NRDEC  
 ATTN SATNC US (SIEGEL)  
 1 ATTN SATNC UE  
 NATICK MA 01760-5018

1 CDR ARMY ARDEC  
 ATTN SMCAR CC  
 1 ATTN SMCAR ESC S  
 PICATINNY ARSENAL  
 NJ 07808-5000

1 CDR ARMY DESCOM  
 ATTN AMSDS MIN  
 1 ATTN AMSDS EN  
 CHAMBERSBURG PA 17201-4170

1 CDR TRADOC  
ATTN ATCD SL5  
INGALLS RD BLDG 163  
FT MONROE VA 23651-5194

1 CDR ARMY FIELD ARTY SCH  
ATTN ATSF CD  
FT SILL OK 73503

1 CDR ARMY ENGR SCHOOL  
ATTN ATSE CD  
FT LEONARD WOOD MO 65473-5000

1 CDR  
RED RIVER ARMY DEPOT  
ATTN SDSRR M

1 CDR  
ATTN SDSRR Q  
TEXARKANA TX 75501-5000

**DEPARTMENT OF THE NAVY:**

1 CDR  
NAVAL RSCH LABORATORY  
ATTN CODE 6176 (R. MOWERY)  
4555 OVERLOOK AVENUE, SW  
WASHINGTON DC 20032

1 CDR  
NAVAL SEA SYSTEMS CMD  
ATTN SEA 03M3  
2531 JEFFERSON DAVIS HWY  
ARLINGTON VA 22242-5160

1 CDR  
NAVAL SURFACE WARFARE CTR  
ATTN CODE 632

1 CDR  
ATTN CODE 859  
3A LEGGETT CIRCLE  
ANNAPOLIS MD 21401-5067

**DEPARTMENT OF THE NAVY/U.S MARINE CORPS:**

1 PROG MGR COMBAT SER SPT  
MARINE CORPS SYS CMD  
2033 BARNETT AVE STE 315  
QUANTICO VA 22134-5080

CDR  
MARINE CORPS LOGISTICS BA  
1 ATTN CODE 837  
814 RADFORD BLVD  
ALBANY GA 31704-1128

CDR  
BLOUNT ISLAND CMD  
1 ATTN CODE 922/1  
JACKSONVILLE FL 32226-3404

**DEPARTMENT OF AIR FORCE:**

AIR FORCE WRIGHT LAB  
1 ATTN WL/POSL  
1790 LOOP RD N  
WRIGHT PATTERSON AFB  
OH 45433-7103

AIR FORCE WRIGHT LAB  
1 ATTN WL/MLBT  
2941 P ST STE 1  
WRIGHT PATTERSON AFB  
OH 45433-7718

AIR FORCE WRIGHT LAB  
1 ATTN WL/MLSE  
2179 12TH ST STE 1  
WRIGHT PATTERSON AFB  
OH 45433-7718

1 WR ALC/LVRS  
225 OCMULGEE CT  
ROBINS AFB  
GA 31098-1647

**DEPARTMENT OF DEFENSE:**

DEFENSE GEN SUPPLY CTR  
1 ATTN DGSC SSA  
1 ATTN DGSC STA  
8000 JEFFERSON DAVIS HWY  
RICHMOND VA 23297-5678

12 DEFENSE TECH INFO CTR  
CAMERON STA  
ALEXANDRIA VA 22304

**Notes**

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